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August 1989



The Protection of Wildlife, January 1979-April 1989

Citations from AGRICOLA Concerning Diseases and Other Environmental Considerations

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Citations from AGRICOLA Concerning Diseases and Other Environmental Considerations

Compiled and Edited by
Charles N. Bebee
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Beltsville, MD 20705

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Washington, DC 20460

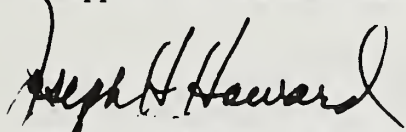
FOREWORD

This is the 31st volume in a series of commodity-oriented environmental bibliographies resulting from a memorandum of understanding between the U.S. Department of Agriculture, National Agricultural Library (USDA-NAL), and the U.S. Environmental Protection Agency, Office of Pesticide Programs (EPA-OPP).

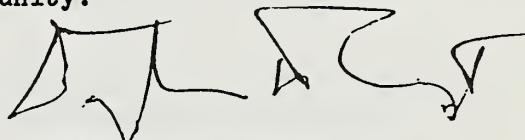
This close working relationship between the two agencies will produce a series of bibliographies which will be useful to EPA in the regulation of pesticides, as well as to any researcher in the field of plant or commodity protection. The broad scope of information contained in this series will benefit USDA, EPA, and the agricultural community as a whole.

The sources referenced in these bibliographies include the majority of the latest available information from U.S. publications involving commodity protection throughout the growing and processing stages for each agricultural commodity.

We welcome the opportunity to join this cooperative effort between USDA and EPA in support of the national agricultural community.



JOSEPH H. HOWARD, Director
National Agricultural Library



DOUGLAS D. CAMPT, Director
Office of Pesticide Programs

INTRODUCTION

The citations in this bibliography, The Protection of Wildlife, are selected from the AGRICOLA database and limited to those produced by North American authors. They cover articles or monographic publications added to the database from 1979 to April 1989.

This is the 31st bibliography in a series of commodity-oriented listings of citations from AGRICOLA jointly sponsored by the National Agricultural Library, U.S. Department of Agriculture (USDA-NAL), and the Office of Pesticide Programs, U.S. Environmental Protection Agency (EPA-OPP). Additional volumes issued recently are Plant Growth Regulators for Higher Plants, The Protection of Sugarcane and Sugar Beets, The Protection of Turf Grasses, The Protection of Hays, The Protection of Citrus, The Protection of Leaf Vegetables, The Protection of Root Vegetables, and The Protection of Corn. The 1989 volumes will include the Protection of Cotton, The Protection of Soybeans, The Protection of Wheat, The Protection of Small Fruits and Berries, The Protection of Grapes and Cherries, The Protection of Ornamental Plants, The Protection of Farm Animals, The Protection of Wildlife, and Vertebrate Pest Control.

Entries in the bibliography are subdivided into a series of section headings used in the contents of the Bibliography of Agriculture. Each item appears under every section heading assigned to the cited document. A personal author index is also included in the publication.

The U.S. Environmental Protection Agency contact for this project is Richard B. Peacock, Office of Pesticides and Toxic Substances.

Any comments or questions concerning this bibliography may be addressed to the compiler and editor:

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Regulatory impact analysis data requirements for registering pesticides under the Federal Insecticide, Fungicide and Rodenticide Act /Economic Analysis Branch, Benefits and Field Studies Division, Office of Pesticide Programs, U.S. Environmental Protection Agency ; Arnold L. Aspelin ... et. al. . Aspelin, Arnold L. 1937-. Washington, D.C. : U.S. Environmental Protection Agency, Office of Pesticide Programs ; Springfield, Va. : Reproduced by NTIS, 1982. "August 1982."~ PB83-138214.~ EPA 540/9-82-013. ii, 156 p. ; 28 cm. Bibliography: p. 133-137. (NAL Call No.: DNAL SB970.4.U5R4).

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Saving wetlands: an urgent task. Manson, J.J. Washington, D.C. : Office of Public Awareness. EPA Environmental Protection Agency journal. Jan/Feb 1986. v. 12 (1). p. 2. (NAL Call No.: DNAL TD171.U5).

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Sociopolitical factors that affect hunter-landowner relationships (Environmental Legislation). Hughes, J. Baton Rouge, Louisiana State University, Division of Continuing Education. Annual forestry symposium. 1980. Presented at a symposium on Integrating Timber and Wildlife Management in Southern Forests, 1980. 1980. (29). p. 10-16. 6 ref. (NAL Call No.: 99.9 L935).

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Spotted owl management: Meeting NFMA requirements through monitoring. XFTRA. Carey, A.B. Ruggiero, L.F. Portland, Or. : The Station. USDA Forest Service general technical report PNW - United States, Pacific Northwest Forest and Range Experiment Station. Paper presented at the "Meeting on Ecology and Management of the Spotted Owl in the Pacific Northwest," June 19-23, 1984, Arcata, California. Sept 1985. (185). p. 34-38. Includes references. (NAL Call No.: DNAL aSD11.A46).

0056

A state and federal partnership for soil and wildlife conservation. JSWCA3. Miller, R.D. Ulrich, D.L.; Mills, R.C. Ankeny, Iowa : Soil Conservation Society of America. Journal of soil and water conservation. Mar/Apr 1986. v. 41 (2). p. 81-84. ill. Includes 14 references. (NAL Call

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No.: DNAL 56.8 J822).

0057

Statute and legislative history of the Federal Insecticide, Fungicide, and Rodenticide Act and its impact on agriculture.

Ross, R.T. New York, Marcel Dekker. Journal of environmental science and health. Part B: Pesticides, food contaminants, and agricultural wastes. 1980. v. B15 (6). p. 665-676. (NAL Call No.: TD172.J61).

0058

Strip-mine reclamation and bird habitats (Legislation, USA).

Karr, J.R. Dgden, Utah, The Station. Abstract: Societal perceptions of wildlife have changed rapidly in the last two decades as demonstrated by a recent proliferation of environmental legislation. The Surface Mining Control and Reclamation Act of 1977 (PL 95-87) is a example of that legislation which opens many new potentials for enhancement of wildlife populations. Effective use of the opportunities provided by that Act requires more effective integration of applied and theoretical ecology. A model of the determinants of avian community structure is reviewed and discussed in light of reclamation needs on strip-mine areas. USDA Forest Service general technical report INT - United States Intermountain Forest and Range Experiment Station. Sept 1980. Sept 1980. (86). p. 88-97. 24 ref. (NAL Call No.: aSD11.A48).

0059

Wild Horse Protection (Act of September 8, 1959).

Washington : The Department. Agriculture handbook - United States Department of Agriculture. Sept 1983. Handbook of Principal Laws Relating to Forest Service Activities. Sept 1983. (453). p. 152. (NAL Call No.: 1 AG84AH).

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Wild Horses and Burros Protection Act (December 15, 1971).

Washington : The Department. Agriculture handbook - United States Department of Agriculture. Sept 1983. Handbook of Principal Laws Relating to Forest Service Activities. Sept 1983. (453). p. 297-303. (NAL Call No.: 1 AG84AH).

ECONOMICS

0061

Impacts, incidence and control of predation on livestock in the United States, with particular reference to predation by coyotes (Includes economic losses).

Wade, D.A. Ames, Iowa, The Council. Special publication - Council for Agricultural Science and Technology. Mar 1981. Mar 1981. (10). 20 p. ill. 3 p. ref. (NAL Call No.: S1.C68).

0062

Pricing policies for antlerless elk hunting permits.

Sandrey, R.A. Buccola, S.T.; Brown, W.G. Madison : University of Wisconsin Press. Extract: In the present paper, we report results of an analysis of demand for controlled antlerless tags in Oregon. The analysis is used to evaluate elk tag pricing strategies which alternatively would (a) continue the present system, (b) equate tag quantities supplied with those demanded, (c) maximize state elk hunting revenues, or (d) discriminate between drawing and nondrawing participants. We consider the pricing, allocative, and revenue implications of these policies. Land economics. Nov 1983. v. 59 (4). p. 432-443. Includes 18 p. references. (NAL Call No.: 282.8 J82).

LAND ECONOMICS

0063

Assessing the progress toward Leopold's land ethic.
WLSBA. Shaw, J.H. Bethesda, Md. : The Society. Wildlife Society bulletin. Fall 1987. v. 15 (3). p. 470-472. Includes references. (NAL Call No.: DNAL SK357.A1W5).

0064

Effects of cattle grazing and haying on wildlife conservation at National Wildlife Refuges in the United States.
EMNGD. Strassmann, B.I. New York : Springer-Verlag. Environmental management. Jan 1987. v. 11 (1). p. 35-44. ill., maps. Includes references. (NAL Call No.: DNAL HC79.E5E5).

0065

Endangered species; the economics of irreversible damage.
Fisher, A.C. Hanemann, W.M. Berkeley : The Station. Extract: In this paper the authors developed some of the economic theory relevant to decisions about the protection of endangered species and their natural habitat. Two key concepts emerge from the discussion: uncertainty and irreversibility. Uncertainty is pervasive in economic life, of course. But more than the usual degree of uncertainty surrounds the potential future benefits from conserving ecosystems. Most endangered species, for example, remain as yet undiscovered in tropical moist forests that are at the same time undergoing rapid and (from the point of view of the indigenous species) destructive development. In these circumstances it is hard to predict what values--a cure for (some form of) cancer, a liquid hydrocarbon, a perennial corn, to name just three of the more interesting among current possibilities--will ultimately emerge if the species that may produce them are not lost. Working paper - Giannini Foundation of Agricultural Economics, California Agricultural Experiment Station. Formerly working paper no. 269. This title has been renumbered. July 1984. (329, rev). 17 p. Includes 19 references. (NAL Call No.: DNAL AGE 916970(AGE)).

0066

Land in America : its value, use, and control / Peter Wolf. -
Wolf, Peter M. New York Pantheon Books c1981. Includes index. xv, 590 p. : ill., maps ; 24 cm. Bibliography: p. 551-574. (NAL Call No.: HD255.W64 1981).

0067

Legal aspects of use and development of wildlife resources on private lands: Colorado, Kansas, New Mexico, Oklahoma, Texas.
Kramer, B.M. Lincoln, Neb., The Council. Extract: This study is divided into three sections. The first gives an overview of the ownership concept as applied to the wildlife resource, providing landowners with some rudimentary information regarding their ability to control and deal with the resource which is on their land. The second section then describes potential landowner liability to individuals who enter upon the land with or without permission of said owner, especially potential liability for the leasing of land for the purpose of hunting or fishing. The third section deals with the increasingly complex federal legislation that affects wildlife on private lands. Publication - Great Plains Agricultural Council. 1982. 1982. (103). 70 p. Includes ref. (NAL Call No.: S27.A3).

0068

Sportsmen expenditures for hunting and fishing in Colorado - 1981.
McKean, J.R. Nobe, K.C. Fort Collins : The Institute. Extract: The purpose of this report is to provide the Colorado Division of Wildlife with current data on annual sportsmen direct expenditures in Colorado. The base years for data collection were 1980 - 1981. The results of this survey will be useful in assisting wildlife officials and planners in adopting strategies for effective wildlife management in Colorado in response to changing hunting and fishing activity patterns. Technical report - Colorado State University, Colorado Water Resources Research Institute. Dec 1982. Dec 1982. (39). 86 p. (NAL Call No.: 924893(AGE)).

FARM ORGANIZATION AND MANAGEMENT

0069

Brush, brush control, and wildlife in Texas.

PGPCA. Guthery, F.S. Stormer, F.A. Lincoln, Neb. : The Council. Extract: Biological, mechanical, chemical, and fire brush control measures have unique effects on wildlife habitat that are simultaneously both negative and positive. In passive brush control for wildlife, increased carrying capacity for livestock is the primary motive for brush control; some brush is preserved for wildlife food and cover. In active brush management for wildlife, brush suppression is to improve wildlife habitat. Active management is indicated when brush densities become so great that other components of habitat are absent or inferior. An holistic example of brush management, which considers soil, livestock, wildlife, and esthetic objectives, is presented. Proceedings - Great Plains Agricultural Council. This paper was presented at the annual meeting of the Great Plains Agricultural Council held June 7/9, 1982, North Platte, Nebraska. June 7-9, 1982. p. 1-6. Includes 24 references. (NAL Call No.: DNAL 282.9 G7992).

0070

Irrigation and wildlife in the Southern and Central Great Plains.

PGPCA. Stormer, F.A. Guthery, F.S. Lincoln, Neb. : The Council. Extract: Because irrigation has and still is encouraging conversion of native ranges to cropland, it leads to a loss of or reduction in many native wildlife species, which are replaced by species better adapted to using crops and crop residues. Drafting of groundwater has been implicated in the loss of riparian habitats on the southern High Plains; Sandhill wetlands of Nebraska also are sensitive to groundwater removal. Irrigation of the southern High Plains exerts both positive and negative effects on playa habitats. Proceedings - Great Plains Agricultural Council. This paper was presented at the annual meeting of the Great Plains Agricultural Council held June 7/9, 1982, North Platte, Nebraska. June 7-9, 1982. p. 41-48. Includes 43 references. (NAL Call No.: DNAL 282.9 G7992).

INTERNATIONAL DEVELOPMENT AID, AIMS, POLICIES, PROGRAMS

0071

The effect agriculture on ferruginous and Swainson's hawks.

JRMGA. Schmutz, J.K. Denver, Colo. : Society for Range Management. Journal of range management. Sept 1987. v. 40 (5). p. 438-440. Includes references. (NAL Call No.: DNAL 60.18 J82).

DISTRIBUTION AND MARKETING

0072

Federal Insecticide, Fungicide, and Rodenticide Act, and Pesticide Import and Export Act of 1985hearings before the Subcommittee on Department Operations, Research, and Foreign Agriculture of the Committee on Agriculture, House of Representatives, Ninety-ninth Congress, first session. --.

United States.~Congress.~House.~Committee on Agriculture.~Subcommittee on Department Operations, Research, and Foreign Agriculture. Washington, D.C. : U.S. G.P.O. : For sale by the Supt. of Docs., Congressional Sales Office, U.S. G.P.O., 1986. Title on pt. 2: Reauthorization of the Federal Insecticide, Fungicide, and Rodenticide Act.~ "H.R. 1416, H.R. 1910, and H.R. 2482"--Pt. 1.~ "Second session on H.R. 4364 and related bills"--Pt. 2.~ Distributed to some depository libraries in microfiche.~ Shipping list no.: 86-903-P (pt. 2).~ "April 18, 1985, EPA witness, May 20, and 21, 1985"--Pt. 1.~ "March 19, and 20, 1986"--Pt. 2.~ "Serial no. 99-7.". 2 v. : ill. ; 24 cm. Includes bibliographical references. (NAL Call No.: DNAL KF27.A33277 1985e).

0073

Federal Insecticide, Fungicide, and Rodenticide Reform Act and Pesticide Import and Export Act of 1983hearings before the Subcommittee on Department Operations, Research, and Foreign Agriculture of the Committee on Agriculture, House of Representatives, Ninety-eighth Congress, first session, on H.R. 3254 and H.R. 3818, October 6 and November 2, 1983. --.

United States.~Congress.~House.~Committee on Agriculture.~Subcommittee on Department Operations, Research, and Foreign Agriculture. Washington, D.C. : U.S. G.P.O., 1985. Distributed to some depository libraries in microfiche.~ "Serial no. 98-53.". iv, 448 p. : ill. ; 24 cm. Includes bibliographical references. (NAL Call No.: DNAL KF27.A33277 1983e).

PLANT SCIENCE

0074

Native woody plants of the United States their erosion-control and wildlife values /by William R. Van Dersal.

Van Dersal, William Richard, 1907-. Mulford, Furman Lloyd, 1869-; Thornthwaite, C. Warren, 1899-1963. Washington, D.C. : U.S. Dept. of Agriculture, 1938. Contribution from Soil Conservation Service.~ Issued in preliminary mimeographed form, 1936, with title: Handbook of native woody plants of the United States (SCS-TP-11).~ The maps have distinctive authors and titles and are sometimes referred to as separate works: Plant growth regions of the United States, by F.L. Mulford; Climatic provinces and plant growth regions of the United States, by C.W. Thornthwaite and F.L. Mulford; Important soil regions and plant growth regions of the United States, by Bureau of chemistry and soils and F.L. Mulford.~ Includes index.~ Two color maps folded in pocket. ii, 362 p., 44 p. of plates : 3 maps ; 23 cm. Bibliography: 293-322. (NAL Call No.: DNAL 1 Ag84M no.303).

PLANT PRODUCTION - GENERAL

0075

Administrative study of endrin hazard to wildlife when direct seeding final report /William L. Thomas and William F. Mann. --.
Thomas, William L. Mann, William F. United States? : Southern Forest Experiment Station, 1976?. Cover title.~ 4110; FS-SO-1102-1.130 (Problem 1). 34, 10 leaves, 1 leaf of plates : ill. ; 27 cm. Includes bibliographical references. (NAL Call No.: DNAL aRA1270.P4T47).

0076

Planting trees in Minnesota.
Smith, Marvin E. Scholten, Harold. 1981. This publication provides information on planting trees for general forestry or wildlife purposes. Government assistance programs are also described. Document available from: Bulletin Room, 3 Coffey Hall, 1420 Eckles Avenue, University of Minnesota, St. Paul, Minnesota 55108. 12 p. : ill. (NAL Call No.: Not available at NAL.).(NAL Call No.: Extension Bulletin 350).

PLANT PRODUCTION - HORTICULTURAL CROPS

0077

New rules may restrict pesticide use.

WEFGA. Acuff, G. Willoughby, Ohio : Meister Pub. Co. Western fruit grower. June 1988. v. 108 (6). p. 26-27. (NAL Call No.: DNAL 80 G85W).

0078

Pesticides and small animal concerns.

Blodgett, D.J. Blacksburg, Va. : Virginia Cooperative Extension Service. Proceedings - Virginia Turfgrass Conference and Trade Show. Dec 1986. (25th/26th). p. 100-101. (NAL Call No.: DNAL SB433.34.V8V47).

0079

**The poisoning of honey bees by orchard sprays
/by A.I. Bourne.**

Bourne, A. I. 1898-. Amherst, Mass. : Massachusetts Agricultural Experiment Station, 1927. Cover title. p. 74 -84 ; 23 cm. (NAL Call No.: DNAL 100 M38H (1) no.234).

PLANT PRODUCTION – FIELD CROPS

0080

**Legumes for erosion control and wildlife /by
Edward H. Graham.**

Graham, Edward H. 1902-1966. Washington, D.C. :
U.S. Dept. of Agriculture, 1941. Contribution
from Soil Conservation Service. ii, 153 p., 29
p. of plates ; 23 cm. Bibliography: p. 131-141.
(NAL Call No.: DNAL 1 Ag84M no.412).

PLANT PRODUCTION - RANGE

0081

Alternative population limitation strategies for feral horses (Wildlife management, fertility control, range management, western United States).

Wolfe, M.L. Moscow, Idaho : Forest, Wildlife & Range Experiment Station, University of Idaho, 1982. Proceedings of the Wildlife-Livestock Relationships Symposium : held at Coeur d'Alene, Idaho, April 20-22, 1981 / sponsored by Department of Wildlife Resources, University of Idaho ; (James M. Peek, P.D. Dalke, editors). p. 394-408. ill. 17 ref. (NAL Call No.: SF84.84.W5 1981).

0082

Bionomics of patterned herbicide application for wildlife habitat enhancement.

JRMGA. Scifres, C.J. Hamilton, W.T.; Koerth, B.H.; Flinn, R.C.; Crane, R.A. Denver, Colo. : Society for Range Management. Journal of range management. July 1988. v. 41 (4). p. 317-321. Includes references. (NAL Call No.: DNAL 60.18 J82).

0083

Breed comparisons and characteristics of use of livestock guarding dogs.

JRMGA. Green, J.S. Woodruff, R.A. Denver, Colo. : Society for Range Management. Journal of range management. May 1988. v. 41 (3). p. 249-251. Includes references. (NAL Call No.: DNAL 60.18 J82).

0084

Burning and grazing effects on bobwhite foods in the Southeastern Coastal Plain.

WLSBA. Lewis, C.E. Harshbarger, T.J. Bethesda, Md. : The Society. Wildlife Society bulletin. Winter 1986. v. 14 (4). p. 455-459. Includes references. (NAL Call No.: DNAL SK357.A1W5).

0085

The Canadian Arctic (tundra, mosses, lichens, dwarf shrubs, caribou, muskox, reindeer).

Johnston, A. Smoliak, S. Denver, Society for Range Management. Rangelands. Oct 1979. v. 1 (5). p. 181-182. ill., maps. (NAL Call No.: SF85.A1R32).

0086

Effects of cattle grazing on mule deer diet and area selection.

JRMGA. Austin, D.D. Urness, P.J. Denver, Colo. : Society for Range Management. Journal of range management. Jan 1986. v. 39 (1). p. 18-21. ill. Includes references. (NAL Call No.: DNAL 60.18 J82).

0087

Effects of cattle grazing upon chemical constituents within important forages for elk. NOSCA. Dragt, W.J. Havstad, K.M. Pullman, Wash. : Washington State University Press. Northwest science. May 1987. v. 61 (2). p. 70-73. Includes references. (NAL Call No.: DNAL 470 N81).

0088

The effects of fall defoliation on the utilization of bluebunch wheatgrass (*Agropyron spicatum*) and its influence on the distribution of deer in spring.

Willms, W. Bailey, A.W.; McLean, A.; Tucker, R. Denver, Society for Range Management. Journal of range management. Jan 1981. v. 34 (1). p. 16-18. ill. 7 ref. (NAL Call No.: 60.18 J82).

0089

Effects of grazing on long-billed curlew (*Numenius americanus*) breeding behavior and ecology in Southwestern Idaho (Wildlife management, range management).

Bicak, T.K. Redmond, R.L.; Jenni, D.A. Moscow, Idaho : Forest, Wildlife & Range Experiment Station, University of Idaho, 1982. Proceedings of the Wildlife-Livestock Relationships Symposium : held at Coeur d'Alene, Idaho, April 20-22, 1981 / sponsored by Department of Wildlife Resources, University of Idaho ; (James M. Peek, P.D. Dalke, editors). p. 74-85. ill., maps. 9 ref. (NAL Call No.: SF84.84.W5 1981).

0090

Effects of livestock grazing on wildlife.

Gallizioli, S. Reno, Wildlife Society, Western Section, and American Fisheries Society, California-Nevada Chapter. Cal-Neva wildlife. 1979. 1979. (29th). p. 83-85. 19 ref. (NAL Call No.: SK351.W523).

0091

Effects of overgrazing on the lizards of five upper and Lower Sonoran habitat types.

Jones, K.B. Reno, Wildlife Society, Western Section, and American Fisheries Society, California-Nevada Chapter. Cal-Neva wildlife. 1979. 1979. (29th). p. 88-101. ill. 21 ref. (NAL Call No.: SK351.W523).

(PLANT PRODUCTION - RANGE)

0092

Effects of prescribed burning on bottlebrush squirreltail (Sitania hystrix, range plants, Oregon).

Young, R.P. OASPA. Miller, R.F. Corvallis : The Station. Special report - Agricultural Experiment Station, Oregon State University. June 1983. 1983 Progress Report: Research in Rangeland Management. June 1983. (682). p. 20-22. (NAL Call No.: 100 DR3M).

0093

Effects of range improvement on Roosevelt elk winter nutrition (Oregon).

Mereszczak, I.M. Krueger, W.C.; Vavra, M. Denver, Society for Range Management. Journal of range management. May 1981. v. 34 (3). p. 184-187. 29 ref. (NAL Call No.: 60.18 J82).

0094

Interaction of cattle and deer on mountain rangeland.

CAGRA. Loft, E.R. Menke, J.W.; Kie, J.G. Berkeley : The Station. California agriculture - California Agricultural Experiment Station. Jan/Feb 1986. v. 40 (1/2). p. 6-9. ill. (NAL Call No.: DNAL 100 C12CAG).

0095

Legumes for wildland plantings (Wildlife forage, nitrogen fixation).

Rumbaugh, M.D. Logan : The Station. Utah Science - Utah Agricultural Experiment Station. Spring 1984. v. 45 (1). p. 22-27. ill. (NAL Call No.: 100 UT1F).

0096

Multiple use in the Snake River Birds of Prey Area.

Kochert, M.N. Pellant, M. Denver, Colo. : Society for Range Management. Rangelands. Oct 1986. v. 8 (5). p. 217-220. ill. Includes references. (NAL Call No.: DNAL SF85.A1R32).

0097

The nesting and brood-rearing ecology of sharp-tailed grouse in relation to specialized grazing systems.

NDFRA. Gosz, K.L. Kirby, D.R. Fargo, N.D. : The Station. North Dakota farm research - North Dakota, Agricultural Experiment Station. Sept/Oct 1986. v. 44 (2). p. 22-24. ill., maps. Includes references. (NAL Call No.: DNAL 100 N813B).

0098

Plants for revegetation of riparian sites within the Intermountain Region (Management of range and wildlife habitats, streambank erosion, control).

Monsen, S.B. Ogden : The Station. USDA Forest Service general technical report INT - Intermountain Forest and Range Experiment Station. Nov 1983. Part of a series of 28 papers presented at Training sessions in Turin Falls, Idaho, September 1981, and in Elko, Nevada, June 1982. Nov 1983. (157). p. 83-89. Includes references. (NAL Call No.: aSD11.A48).

0099

A preliminary report on the effects of a deferred-rotation grazing system on wildlife at the Sheldon National Wildlife Refuge (Cattle, Nevada).

Oldemeyer, J.L. Martin, S.J.; Woodis, S.G. Reno, Nev. : Wildlife Society, Western Section, and Am. Fisheries Soc., California-Nevada Chapter. Cal-Neva wildlife transactions. 1983. 1983. p. 26-42. ill. Includes references. (NAL Call No.: SK351.W523).

0100

Prescribed burning effects in central California chaparral.

Florence, S.R. Florence, M.A. Denver, Colo. : Society for Range Management. Rangelands. June 1988. v. 10 (3). p. 138-140. Includes references. (NAL Call No.: DNAL SF85.A1R32).

0101

Questions about livestock-big game relations.

Powell, J. Godbolt, G.; Hepworth, W.G. Denver, Colo. : Society for Range Management. Rangelands. Dec 1986. v. 8 (6). p. 281-283. ill., maps. (NAL Call No.: DNAL SF85.A1R32).

0102

The Santa Rita Experimental Range.

GTRWD. Severson, K.E. Medina, A.L. Washington, D.C. : The Service. USDA Forest Service general technical report WD. Paper presented at the "Workshop on Wildlife and Range Research Needs in Northern Mexico and Southwestern United States," April 20-24, 1981, Rio Rico, Arizona. Sept 1983. (36). p. 56-59. ill., maps. Includes references. (NAL Call No.: DNAL aSD11.U52).

(PLANT PRODUCTION - RANGE)

0103

1981).

Structural resilience of a willow riparian community to changes in grazing practices (Salix spp., woody vegetation, impact of cattle, wildlife habitats, stress, Colorado).

Knopf, F.L. Cannon, R.W. Moscow, Idaho : Forest, Wildlife & Range Experiment Station, University of Idaho, 1982. Proceedings of the Wildlife-Livestock Relationships Symposium : held at Coeur d'Alene, Idaho, April 20-22, 1981 / sponsored by Department of Wildlife Resources, University of Idaho ; (James M. Peek, P.D. Dalke, editors). p. 198-207. ill., map. 18 ref. (NAL Call No.: SF84.84.W5 1981).

0104

Value of range data on fire effects to the wildlife manager.

Grelen, H.E. Lewis, C.E. Georgetown, S.C. : The Belle W. Baruch Forest Science Institute of Clemson University, 1981. Prescribed fire and wildlife in Southern forests / edited by Gene W. Wood. p. 155-159. 2 p. ref. (NAL Call No.: SD421.3.P7 1981).

0105

Wildlife-domestic grazer issue methods designed for benefit to wildlife.

GTRWD. Harmel, D.E. Washington, D.C. : The Service. USDA Forest Service general technical report WD. Paper presented at the "Symposium on Rangeland Policies for the Future," Jan 28-31, 1979, Tucson, Arizona. Oct 1979. (17). p. 76-79. Includes references. (NAL Call No.: DNAL aSD11.U52).

0106

Wildlife habitat research on rangeland: a new perspective.

Fulbright, T.E. Beasom, S.L. Washington, D.C.? : U.S. Dept. of Agriculture : U.S. G.P.O., 1986? . National Range Conference, opportunities for the future : National Range Conference proceedings, Oklahoma City, Oklahoma, November 6-8, 1985. p. 130-135. Includes references. (NAL Call No.: DNAL aSF84.84.N37 1985).

0107

Wildlife on ungrazed and grazed bottomlands on the South Platte River, northeastern Colorado (Habitats, land management, adverse effects).

Crouch, G.L. Moscow, Idaho : Forest, Wildlife & Range Experiment Station, University of Idaho, 1982. Proceedings of the Wildlife-Livestock Relationships Symposium : held at Coeur d'Alene, Idaho, April 20-22, 1981 / sponsored by Department of Wildlife Resources, University of Idaho ; (James M. Peek, P.D. Dalke, editors). Includes list of nongame birds. p. 186-197. ill. 9 ref. (NAL Call No.: SF84.84.W5

PLANT ECOLOGY

0108

Assemblages of bird species in western coniferous old-growth forests.

Mannan, R.W. Ogden, Utah, The Station. Abstract: Review of available literature revealed that bird species richness and total bird density varied considerably among assemblages of bird species in various forest types of old-growth timber. However, proportions of species and individuals in foraging and nesting guilds were similar. Among foraging guilds, the number of species and individuals in the "tree-foliage-searching" and "ground-brush-foraging" categories were most abundant. Among nesting guilds, coniferous-tree-nesting birds and hole-nesting birds comprised the greatest proportions of species and individuals. Changes in vegetation structure caused by timber management have a tremendous potential impact on assemblages of bird species. One change that may have a particularly strong impact is the elimination of older forest age classes. Several bird species appear to be negatively impacted by the reduction of old-growth forests. Effects of altering natural assemblages of bird species upon forest systems are unknown, but it is conjectured that a reduction in the number of insectivorous birds may result in reduced stability. Management for high species richness of diversity, with little regard for natural species composition is questioned. Intensive efforts directed at gaining information on wildlife in old-growth forests are advocated. USDA Forest Service general technical report INT - United States Intermountain Forest and Range Experiment Station. Sept 1980. Sept 1980. (86). p. 357-368. Bibliography p. 365-368. (NAL Call No.: aSD11.A48).

0109

The Canadian Arctic (tundra, mosses, lichens, dwarf shrubs, caribou, muskox, reindeer).

Johnston, A. Smoliak, S. Denver, Society for Range Management. Rangelands. Oct 1979. v. 1 (5). p. 181-182. ill., maps. (NAL Call No.: SF85.A1R32).

0110

Ecological importance of feral ungulates at Shackelford Banks, North Carolina.

AMNAA. Wood, G.W. Mengak, M.T.; Murphy, M. Notre Dame, Ind. : University of Notre Dame. American midland naturalist. Oct 1987. v. 118 (2). p. 236-244. Includes references. (NAL Call No.: DNAL 410 M58).

0111

The effects of air pollution and acid rain on fish, wildlife, and their habitats : arctic tundra and alpine meadows / by James E. Olson.

Olson, James E. Washington, D.C. The Service For sale by the Supt. of Docs., U.S. G.P.O. 1982. "June 1982. ~"Contract no. 14-16-0009-80-085.". v, 27 p. : ill., map ; 28 cm. --. Bibliography: p. 22-26. (NAL Call No.: QH540.U56 no.80/40.8).

0112

The effects of air pollution and acid rain on fish, wildlife, and their habitats : deserts and steppes / by Edward N. Mirsky, Dan Harper.

Mirsky, Edward N. Harper, Dan. Washington, D.C. The Service For sale by the Supt. of Docs., U.S. G.P.O. 1982. "June 1982. ~"Contract no. 14-16-0009-80-085.". v, 36 p. : ill., maps ; 28 cm. --. Bibliography: p. 32-35. (NAL Call No.: QH540.U56 no.80/40.9).

0113

The effects of air pollution and acid rain on fish, wildlife, and their habitats : forests / by Louis Borghi.

Borghi, Louis. Washington, D.C. The Service For sale by the Supt. of Docs., U.S. G.P.O. 1982. "June 1982. ~"Contract no. 14-16-0009-80-085.". vi, 84 p. : map ; 28 cm. --. Bibliography: p. 62-79. (NAL Call No.: QH540.U56 no.80/40.6).

0114

The effects of air pollution and acid rain on fish, wildlife, and their habitats : urban ecosystems / by M. A. Peterson.

Peterson, M. A. Washington, D.C. The Service For sale by the Supt. of Docs., U.S. G.P.O. 1982. "June 1982. ~"Contract no. 14-16-0009-80-085.". viii, 87 p. : ill. ; 28 cm. --. Bibliography: p. 70-86. (NAL Call No.: QH540.U56 no.80/40.10).

0115

Effects of edge, age, and cover type on wildlife microhabitats in even-aged forest stands in central Pennsylvania.

PPASA. Yahner, R.H. Grimm, J.W. Harrisburg, Pa. : The Academy. Proceedings of the Pennsylvania Academy of Science. 1984. v. 58 (1). p. 61-66. ill. Includes 25 references. (NAL Call No.: DNAL 500 P383).

(PLANT ECOLOGY)

0116

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Chabreck, R.H. Washington, D.C., The Service. FWS/OBS - United States. Fish and Wildlife Service. Office of Biological Service. 210 O FWS/OBS U S Fish Wildl Serv Off Biol Serv. Presented at the workshop on Gulf of Mexico Coastal Ecosystems, September 4-7, 1979, Port Aransas, Texas. p. 1-16. 19 ref. (NAL Call No.: QH540.U56).

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WLSBA. Scifres, C.J. Koerth, B.H. Bethesda, Md. : The Society. Wildlife Society bulletin. Winter 1986. v. 14 (4). p. 345-356. maps. Includes references. (NAL Call No.: DNAL SK357.A1W5).

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Platts, W.S. Raleigh, R.F. Boulder, Colo. : Westview Press, 1984. Developing strategies for rangeland management : a report / prepared by the Committee on Developing Strategies for Rangeland Management, National Research Council/National Academy of Sciences. p. 1105-1117. Includes references. (NAL Call No.: DNAL SF85.3.D48).

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McAdoo, J.K. Evans, R.A.; Longland, W.S. Logan, Utah : Utah State University, 1986. Crested wheatgrass : its values, problems and myths : symposium proceedings, Logan, Utah, October 3-7, 1983 / editor, Kendall L. Johnson ; sponsors, Utah State University, Range Science Department ... et al. . Literature review. p. 155-162. Includes references. (NAL Call No.: DNAL SB201.W5C74).

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Nongame birds of the Rocky Mountains spruce-fir (*Picea engelmannii*, *Abies lasiocarpa*) forests and their management.

Smith, K.G. Ogden, Utah, The Station. Abstract: Spruce-fir forests in the Rocky Mountains consist mainly of Engelmann spruce and subalpine fir. The breeding avifaunas in these forests show remarkable consistency in composition along a latitudinal gradient from Montana to Arizona and New Mexico, and with avian communities in the Hudsonian life zone in Washington, Oregon, and California. Woodpeckers, corvids, and seed-eating finches are the most common components. Only the Golden

Eagle and a few other raptors are threatened or endangered. Few species winter in these high mountain forests. The distribution of many species is controlled primarily by the vegetation physiognomy, a variable under the control of the forest manager. Fire control and snag management will generally benefit the avifauna, whereas most forest harvesting practices adversely affect, to differing degrees, the bird communities. It is suggested that the "life-form" approach to avian communities may be easily implemented in these forests. It is recommended that high elevation spruce-fir forests be minimally harvested and used as reservoirs for spruce-fir birds. Lower elevational stands should be managed for harvesting and bird diversity, with special attention given to relic stands. USDA Forest Service general technical report INT - United States Intermountain Forest and Range Experiment Station. Sept 1980. Sept 1980. (86). p. 258-279. ill., map. Bibliography p. 274-279. (NAL Call No.: aSD11.A48).

0121

Short-term effects of logging on red-backed voles and deer mice.

Campbell, T.M. III. Clark, T.W. Provo, Brigham Young University. The Great Basin naturalist. June 30, 1980. v. 40 (2). p. 183-189. ill. 26 ref. (NAL Call No.: 410 G79).

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Langdon, D.G. Georgetown, S.C. : The Belle W. Baruch Forest Science Institute of Clemson University, 1981. Prescribed fire and wildlife in Southern forests / edited by Gene W. Wood. p. 143-153. ill. 2 p. ref. (NAL Call No.: SD421.3.P7 1981).

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Knopf, F.L. Cannon, R.W. Moscow, Idaho : Forest, Wildlife & Range Experiment Station, University of Idaho, 1982. Proceedings of the Wildlife-Livestock Relationships Symposium : held at Coeur d'Alene, Idaho, April 20-22, 1981 / sponsored by Department of Wildlife Resources, University of Idaho ; (James M. Peek, P.D. Dalke, editors). p. 198-207. ill., map. 18 ref. (NAL Call No.: SF84.84.W5 1981).

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JRMGA. Leckenby, D.A. Adams, A.W. Denver, Colo.
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244-248. Includes references. (NAL Call No.:
DNAL 60.18 J82).

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0125

Effects of precommercial thinning and fertilizing on deer forage in a loblolly pine plantation (White-tailed deer (*Odocoileus virginianus*), *Pinus taeda*).

Hurst, G.A. Campo, J.J.; Brooks, M.B.
Washington, Society of American Foresters.
Southern journal of applied forestry. Aug 1982.
v. 6 (3). p. 140-144. ill. 16 ref. (NAL Call
No.: SD1.S63).

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Ecological aspects of selenosis on rangelands.
Mayland, H.F. James, L.F. Boulder : Westview Press, 1988. The Ecology and economic impact of poisonous plants on livestock production / edited by Lynn F. James, Michael H. Ralphs, Darwin B. Nielsen. Paper presented at the "Symposium on Poisonous Plants of the 40th Annual Meeting of the Society for Range Management," February 8-13, 1987, Boise, Idaho.~ Literature review. p. 275-293. maps. Includes references. (NAL Call No.: DNAL SB617.E26).

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Watkins, B.E.JWMAA. Ullrey, D.E. Washington : Wildlife Society. Journal of wildlife management. Oct 1983. v. 47 (4). p. 1220-1226. Includes references. (NAL Call No.: 410 J827).

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Rumbaugh, M.D. Logan : The Station. Utah Science - Utah Agricultural Experiment Station. Spring 1984. v. 45 (1). p. 22-27. ill. (NAL Call No.: 100 UT1F).

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AMNAA. Wood, G.W. Mengak, M.T.; Murphy, M. Notre Dame, Ind. : University of Notre Dame. American midland naturalist. Oct 1987. v. 118 (2). p. 236-244. Includes references. (NAL Call No.: DNAL 410 M58).

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Merson, M.H. Byers, R.E. Winchester, Va. : R.E. Byers. Proceedings of the ... Eastern Pine and Meadow Vole Symposium. 1981. 1981. (5th). p. 13-14. (NAL Call No.: SB605.U6E3).

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NONGA. Vavala, R.V. Gustafson, W.A. Jr. Hamden, Conn. : The Association. Annual report of the Northern Nut Growers Association. Literature review. 1986. (77th). p. 93-100. ill. Includes references. (NAL Call No.: DNAL 94.69 N81).

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WLSBA. Marsh, R.E. Schmidt, R.H.; Howard, W.E. Bethesda, Md. : The Society. Wildlife Society bulletin. Fall 1987. v. 15 (3). p. 380-385. Includes references. (NAL Call No.: DNAL SK357.A1W5).

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Sieg, C.H. Fort Collins, Colo. : The Station. General technical report RM - Rocky Mountain Forest and Range Experiment Station, U.S. Department of Agriculture, Forest Service. Paper presented at the "Workshop on Wildlife Damage Control," April 28-30, 1987, Rapid City, South Dakota.~ Literature review. Jan 1988. (154). p. 88-92. Includes references. (NAL Call No.: DNAL aSD11.A42).

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WLSBA. O'Brien, P.H. Kleba, R.E.; Beck, J.A.; Baker, P.J. Bethesda, Md. : The Society. Wildlife Society bulletin. Winter 1986. v. 14 (4). p. 425-432. Includes references. (NAL Call No.: DNAL SK357.A1W5).

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Wild animal damage to seed and seedlings on cut-over Douglas fir lands of Oregon and Washington /by A.W. Moore.
Moore, A. W. 1897-. Washington : U.S. Dept. of Agriculture, 1940. Caption title. 28 p. : ill. ; 23 cm. Literature cited: p. 28. (NAL Call No.: DNAL 1 Ag84Te no.706).

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0141

Prevalence of *Aspergillus fumigatus* in free-living goshawks (*Accipiter gentilis atricapillus*) (Disease of wild and captive birds).

Redig, P.T. Fuller, M.R.; Evans, D.L. Ames, Iowa, Wildlife Disease Association, Inc. Journal of wildlife diseases. Apr 1980. v. 16 (2). p. 169-174. 29 ref. (NAL Call No.: 41.9 W64B).

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The effects of air pollution and acid rain on fish, wildlife, and their habitats arctic tundra and alpine meadows.

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The persistence of fenitrothion insecticide in red maple (*Acer rubrum* L.) and white birch (*Betula papyrifera* (Marsh.)) deer browse (to control spruce budworm, *Choristoneura fumiferana*).

Lapierre, L.E. Denver, Society for Range Management. Journal of range management. Jan 1982. v. 35 (1). p. 65-67. Includes 9 ref. (NAL Call No.: 60.18 J82).

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Demayo, A.CECA. Taylor, M.C.; Taylor, K.W.; Hodson, P.V. Boca Raton : CRC Press. CRC critical reviews in environmental control - Chemical Rubber Company. 1982. Review article. v. 12 (4). p. 257-305. 318 ref. (NAL Call No.: QH545.A1C7).

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JRMGA. Scifres, C.J. Hamilton, W.T.; Koerth, B.H.; Flinn, R.C.; Crane, R.A. Denver, Colo. : Society for Range Management. Journal of range management. July 1988. v. 41 (4). p. 317-321. Includes references. (NAL Call No.: DNAL 60.18 J82).

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VHTDD. Smith, R.A. Manhattan, Kan. : American Academy of Veterinary and Comparative Toxicology. Veterinary and human toxicology. Oct 1988. v. 30 (5). p. 486. Includes references. (NAL Call No.: DNAL SF601.A47).

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Wolfe, G.J. Lance, W.R. Denver, Colo. : Society for Range Management. Journal of range management. Jan 1984. v. 37 (1). p. 59-63. maps. Includes references. (NAL Call No.: 60.18 J82).

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Beason, S.L.JRMGA. Inglis, J.M.; Scifres, C.J. Denver : Society for Range Management. Journal of range management. Nov 1982. v. 35 (6). p. 790-793. ill. 2 p. ref. (NAL Call No.: 60.18 J82).

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Lamb, D. W.; (Donald Wayne); 1940-; Kenaga, E. E.; (Eugene E.). Philadelphia, Pa. (1916 Race St., Philadelphia 19103) ASTM c1981. 164 p. : ill. ; 24 cm. --. Includes bibliographical references and index. (NAL Call No.: QH545.P4A94 1981).

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AECTCV. Aulerich, R.J. Bursian, S.J.; Napolitano, A.C. New York, N.Y. : Springer-Verlag. Archives of environmental contamination and toxicology. Jan 1988. v. 17 (1). p. 27-31. ill. Includes references. (NAL Call No.: DNAL TD172.A7).

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ETOCCK. Carlisle, J.C. Lamb, D.W.; Toll, P.A. Elmsford : Pergamon Press. Environmental toxicology and chemistry. Literature review. 1986. v. 5 (10). p. 887-889. Includes 13 references. (NAL Call No.: DNAL QH545.A1E58).

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JWIDA. Henny, C.J. Kolbe, E.U.; Hill, E.F.; Blus, L.J. Ames, Iowa : Wildlife Disease Association. Journal of wildlife diseases. Apr 1987. v. 23 (2). p. 292-295. Includes references. (NAL Call No.: DNAL 41.9 W64B).

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Chlorpyrifos hazards to fish, wildlife, and invertebrates a synoptic review /by Edward W. Odenkirchen and Ronald Eisler.
Odenkirchen, Edward W. Eisler, Ronald, 1932-. Washington, D.C. : Fish and Wildlife Service, U.S. Dept. of the Interior, 1988. "March 1988."~ " Performed by Patuxent Wildlife Research Center, U.S. Fish and Wildlife Service"--Rept. doc. p.~ Regional map on p. 3 of cover. vii, 34 p. : ill. ; 28 cm.
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Fisher, H. J. 1896-. Bailey, E. M. 1879-1948. New Haven : Connecticut Agricultural Experiment Station, 1933. "Supplement to Bulletin 300"--T.p. p. 211-268 ; 23 cm. (NAL Call No.: DNAL 100 C76St (1) no.346).

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Sachs, C. Blair, D.; Richter, C. Columbia, Mo. : American Council on Consumer Interests. Abstract: Socio-economic factors and the change in consumer attitudes toward pesticide use over two decades are examined. This investigation was done by repeating a 1965 survey. Findings show that in both 1965 and 1984 people were most concerned with the effects of pesticides on wildlife with increased concern in 1984 for farmers and farm laborers. It also shows that the concerns about both the impact of pesticides on the environment and on personal health are almost equal in strength; these results imply that the public has limited trust in the regulatory process. The Journal of consumer affairs. Summer 1987. v. 21 (1). p. 96-107. charts. Includes 18 references. (NAL Call No.: DNAL HC110.C6J6).

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Wiemeyer, Stanley N. Washington, D.C. : U.S. Dept. of the Interior, Fish and Wildlife Service, 1986. iii, 33 p. : ill. ; 26 cm.
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Stickel, W.H. AECTCV. Stickel, L.F.; Dyrland, R.A.; Hughes, D.L. New York : Springer-Verlag. Archives of environmental contamination and toxicology. Jan 1984. v. 13 (1). p. 1-6. ill. Includes references. (NAL Call No.: TD172.A7).

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ESTHA. Addison, R.F. Brodle, P.F.; Zinck, M.E.; Sergeant, D.E. Washington, D.C. : American Chemical Society. Environmental science & technology. Dec 1984. v. 18 (12). p. 935-937. Includes 22 references. (NAL Call No.: DNAL TD420.A1E5).

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DDT in Connecticut wildlife /Neely Turner.

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Peakall, D.B. AECTCV. Lew, T.S.; Springer, A.M.; Walker, W. II; Risebrough, R.W. New York : Springer-Verlag. Archives of environmental contamination and toxicology. Sept 1983. v. 12 (5). p. 523-528. Includes references. (NAL Call No.: TD172.A7).

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NAWTA. Goldman-Carter, J.L. Washington, D.C. : Wildlife Management Institute. Transactions of the ... North American Wildlife and Natural Resources Conference. 1988. (53rd). p. 249-262. Includes references. (NAL Call No.: DNAL 412.9 N814).

SOIL CULTIVATION

0333

The effect agriculture on ferruginous and Swainson's hawks.

JRMGA. Schmutz, J.K. Denver, Colo. : Society for Range Management. Journal of range management. Sept 1987. v. 40 (5). p. 438-440. Includes references. (NAL Call No.: DNAL 60.18 J82).

0334

Impacts of organic farming and reduced tillage on fish and wildlife.

Cacek, T. East Lansing, Mich. : Michigan State University Press, 1985. Sustainable agriculture & integrated farming systems : 1984 conference proceedings / edited by Thomas C. Edens, Cynthia Fridgen, Susan L. Battenfield. p. 185-189. Includes references. (NAL Call No.: DNAL S441.S8).

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Reducing wildlife losses to tillage in fallow wheat fields.

Rodgers, R.D. WLSBA. Bethesda : The Society. Wildlife Society bulletin. Spring 1983. v. 11 (1). p. 31-38. ill. Includes references. (NAL Call No.: SK357.A1W5).

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Responses of wildlife to various tillage conditions.

NAWTA. Castrale, J.S. Washington, D.C. : Wildlife Management Institute. Transactions of the ... North American Wildlife and Natural Resources Conference. 1985. (50th). p. 142-156. Includes references. (NAL Call No.: DNAL 412.9 N814).

SOIL EROSION AND RECLAMATION

0337

Effects of grazing management on streambanks.
NAWTA. Bohn, C.C. Buckhouse, J.C. Washington, D.C. : Wildlife Management Institute. Transactions of the ... North American Wildlife and Natural Resources Conference. 1986. (51st). p. 265-271. Includes references. (NAL Call No.: DNAL 412.9 N814).

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Erosion control puts a river on the road to recovery (Trinity River in northern California, Grass Valley Creek watershed, fish and wildlife habitat restoration).
Frazier, R. Washington : The Service. Soil & water conservation news - United States Dept. of Agriculture, Soil Conservation Service. Aug 1982. v. 3 (5). p. 7-8. (NAL Call No.: aS622.S6).

0339

Gravel pits as fish and wildlife habitat at the Max McGraw Wildlife Foundation (Reclamation planning, erosion control, monitoring programs, natural resources management, Illinois).
Oldenburg, R.C. Montgomery, R.A.; Harder, T.M.; Burger, G.V. St. Paul : The Station. Miscellaneous publication - University of Minnesota, Agricultural Experiment Station. 1982. 1982. (17). p. 215-220. 10 ref. (NAL Call No.: S1.M52).

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Group of plants valuable for wildlife utilization and erosion control /by W.L. McAtee.
McAtee, W. L. 1883-1962. Washington, D.C. : U.S. Dept. of Agriculture, 1936. Caption title.~ "Contribution from Bureau of Biological Survey.". 12 p., 7 p. of plates : ill. ; 23 cm. (NAL Call No.: DNAL 1 Ag84C no.412).

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Impact of erosion control policies on wildlife habitat on private lands.
Miranowski, J.A. Bender, R.L. Ankeny, Iowa, Soil Conservation Society of America. Journal of soil and water conservation. Sept/Oct 1982. v. 37 (5). p. 288-291. ill. 10 ref. (NAL Call No.: 56.8 J822).

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Implementation of conservation compliance: implications for soil, water and wildlife.
NAWTA. Robinson, A.Y. Washington, D.C. : Wildlife Management Institute. Transactions of the ... North American Wildlife and Natural Resources Conference. 1988. (53rd). p. 210-221.

Includes references. (NAL Call No.: DNAL 412.9 N814).

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Instream impacts of soil erosion on fish and wildlife.
LaRoe, E.T. Washington, D.C. : Conservation Foundation, c1986. The Off-site costs of soil erosion : proceedings of a symposium held in May 1985 / Thomas E. Waddell, Editor. p. 171-178. (NAL Call No.: DNAL QH545.S6403 1985).

0344

Legumes for erosion control and wildlife /by Edward H. Graham.
Graham, Edward H. 1902-1966. Washington, D.C. : U.S. Dept. of Agriculture, 1941. Contribution from Soil Conservation Service. ii, 153 p., 29 p. of plates ; 23 cm. Bibliography: p. 131-141. (NAL Call No.: DNAL 1 Ag84M no.412).

0345

Native woody plants of the United States their erosion-control and wildlife values /by William R. Van Dersal.
Van Dersal, William Richard, 1907-. Mulford, Furman Lloyd, 1869-; Thornthwaite, C. Warren, 1899-1963. Washington, D.C. : U.S. Dept. of Agriculture, 1938. Contribution from Soil Conservation Service.~ Issued in preliminary mimeographed form, 1936, with title: Handbook of native woody plants of the United States (SCS-TP-11).~ The maps have distinctive authors and titles and are sometimes referred to as separate works: Plant growth regions of the United States, by F.L. Mulford; Climatic provinces and plant growth regions of the United States, by C.W. Thornthwaite and F.L. Mulford; Important soil regions and plant growth regions of the United States, by Bureau of chemistry and soils and F.L. Mulford.~ Includes index.~ Two color maps folded in pocket. ii, 362 p., 44 p. of plates : 3 maps ; 23 cm. Bibliography: 293-322. (NAL Call No.: DNAL 1 Ag84M no.303).

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No-till benefits upland game birds.
Hale, K. Van Dyke, W. Washington, D.C. : The Service. Soil & water conservation news - United States Dept. of Agriculture, Soil Conservation Service. Mar 1985. v. 5 (12). p. 7. (NAL Call No.: DNAL aS622.S6).

(SOIL EROSION AND RECLAMATION)

0347

Plants for revegetation of riparian sites within the Intermountain Region (Management of range and wildlife habitats, streambank erosion, control).

Monsen, S.B. Ogden : The Station. USDA Forest Service general technical report INT - Intermountain Forest and Range Experiment Station. Nov 1983. Part of a series of 28 papers presented at Training sessions in Turin Falls, Idaho, September 1981, and in Elko, Nevada, June 1982. Nov 1983. (157). p. 83-89. Includes references. (NAL Call No.: aSD11.A48).

0348

Rehabilitating California chaparral following wildfire.

Bates, P.A. Hafenfeld, R.E.; Key, J.W. Sacramento, CA : Wildlife Society, Western Section. Transactions of the Western Section of the Wildlife Society. Meeting held on January 23-25, 1986, Sparks, Nevada. 1986. v. 22. p. 42-46. Includes references. (NAL Call No.: DNAL SK351.W523).

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Riparian revegetation in California.

Gray, R.L. Snieckus, R.; Wilcox, G. Reno, Nev. : Wildlife Society, Western Section, and Am. Fisheries Soc., California-Nevada Chapter. Cal-Neva wildlife. 1984. p. 26-32. Includes references. (NAL Call No.: DNAL SK351.W523).

0350

A solution to desertification and associated threats to wildlife and man.

NAWTA. Savory, A. Washington, D.C. : Wildlife Management Institute. Transactions of the ... North American Wildlife and Natural Resources Conference. 1986. (51st). p. 116-124. Includes references. (NAL Call No.: DNAL 412.9 N814).

0351

A state and federal partnership for soil and wildlife conservation.

JSWCA3. Miller, R.D. Urich, D.L.; Mills, R.C. Ankeny, Iowa : Soil Conservation Society of America. Journal of soil and water conservation. Mar/Apr 1986. v. 41 (2). p. 81-84. ill. Includes 14 references. (NAL Call No.: DNAL 56.8 J822).

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State-federal partnership for soil conservation and fish and wildlife enhancement.

NAWTA. Miller, R.D. Urich, D.L.; Mills, R.C. Washington, D.C. : Wildlife Management Institute. Transactions of the ... North American Wildlife and Natural Resources Conference. 1985. (50th). p. 180-187. Includes references. (NAL Call No.: DNAL 412.9 N814).

0353

Strip-mine reclamation and bird habitats (Legislating, USA).

Karr, J.R. Ogden, Utah, The Station. Abstract: Societal perceptions of wildlife have changed rapidly in the last two decades as demonstrated by a recent proliferation of environmental legislation. The Surface Mining Control and Reclamation Act of 1977 (PL 95-87) is an example of that legislation which opens many new potentials for enhancement of wildlife populations. Effective use of the opportunities provided by that Act requires more effective integration of applied and theoretical ecology. A model of the determinants of avian community structure is reviewed and discussed in light of reclamation needs on strip-mine areas. USDA Forest Service general technical report INT - United States Intermountain Forest and Range Experiment Station. Sept 1980. Sept 1980. (86). p. 88-97. 24 ref. (NAL Call No.: aSD11.A48).

0354

Wildlife conservation through erosion control in the Piedmont /by Ross O. Stevens.

Stevens, Ross O. 1905-. Washington, D.C. : U.S. Dept. of Agriculture, 1937. ii, 26 p. : ill. ; 23 cm. (NAL Call No.: DNAL 1 Ag84F no.1788).

FORESTRY

0355

Effects of even-age timber management on bird communities of the longleaf pine forest in northern Florida.

JWMAA9. Repenning, R.W. Labisky, R.F. Bethesda, Md. : Wildlife Society. Journal of wildlife management. Oct 1985. v. 49 (4). p. 1088-1098. Includes references. (NAL Call No.: ONAL 410 J827).

0356

PROPOSED ESTABLISHMENT OF THE BIG BOGGY NATIONAL WILDLIFE REFUGE, MATAGORDA COUNTY, TEXAS.

DEPARTMENT OF THE INTERIOR~ FISH AND WILDLIFE SERVICE. ALBUQUERQUE, NEW MEXICO DEPARTMENT OF THE INTERIOR, FISH AND WILDLIFE SERVICE OCTOBER 1980 (EPA: OCTOBER 29, 1980). (PUR)ACQUISITIDN IN FEE SIMPLE DF 4,500 ACRES DF LAND IN MATAGORDA COUNTY, TEXAS FOR ESTABLISHMENT OF THE BIG BOGGY NATIONAL WILDLIFE REFUGE IS PROPOSED. APPROXIMATELY 300 ACRES LOCATED DN THE NORTHWEST PORTION OF THE PROPERTY M COULD REQUIRE PRESCRIBED BURNING FOR VEGETATIVE CONTROL. ANNUAL OPERATION AND MAINTENANCE COSTS ARE ESTIMATED AT \$50,000:N-\$70,000. POSITIVE IMPACTS: DESIGNATION OF THE AREA AS A REFUGE WOULD PRESERVE THE MARSHLANDS, OTHER WATER RESOURCES, AND ASSOCIATED WILDLIFE VALUES. THE REFUGE WOULD LIE ALONG THE CENTRAL FLYWAY, PROVIDING WINTERING HABITAT FOR MIGRATING WATERFOWL. NEGATIVE IMPACTS: PRESCRIBED BURNING WOULD DEGRADE AIR QUALITY AND MAR THE AESTHETICS OF BURNED AREAS TEMPORARILY. LEGAL MANDATES: MIGRATORY BIRD CONSERVATION MANDATE OF 1929 (16 U.S.C. 715 ET SEQ.) AND WETLANDS LOAN ACT OF 1961 (16 U.S.C. 715K)] ~ USDA EMPLOYEES REQUEST DOCUMENTS FROM NATIONAL AGRICULTURAL LIBRARY OTHERS ORDER FROM INFORMATION RESOURCES PRESS, 1700 NORTH MOORE STREET, SUITE 700, ARLINGTON, VA 22209] ~ ENV[1124403212ntm 2200265

4500001001200000008004100012072000900053090001-3000621100047000752450099001222600106002213000-0140032765000230034165000150036465000190037965-0001200398650001400410650001100424651001100435-6510021004466500069004675202227005365000176027-63910000802939]ENV80001312]810210c19799999AKU 00010 eng d] ~ K000] ~ 80-10260]20~ DEPARTMENT OF THE ARMY~ CDRPS OF ENGINEERS]10~ WORLD WAR II DEBRIS REMOVAL AND CLEANUP, ALEUTIAN ISLANDS AND LOWER ALASKAN PENINSULA, ALASKA.]0 ~ ANCHORAGE, ALASKA~ DEPARTMENT OF THE ARMY, CDRPS OF ENGINEERS~ SEPTEMBER 1979 (EPA: OCTOBER 10, 1980)] ~ 271 PAGES] 4~ ARCHAEOLOGIC SITES] 4~ DEMOLITION] 4~ HISTORIC SITES] 4~ ISLANDS] 4~ PR. ES] 4~ SAFETY] 4~ ALASKA] 4~ ALEUTIAN ISLANDS] 4~ FEDERAL WATER POLLUTION CONTROL ACT OF 1972~ SECTION 404 PERMITS] ~ (PUR)REMOVAL AND DISPOSAL OF DERELICT BUILDINGS, MAC. 41 PAGES. (NAL Call No.: 80-10250).

FORESTRY RELATED

0357

Aspen management for ruffed grouse.

Gullion, G.W. Bethesda, Md. : The Society. Proceedings of the...Society of American Foresters National Convention. "Economic and Social Development : A Role for Forests and Forestry Professionals," October 18-21, 1987. Minneapolis, Minnesota. 1988. p. 137-139. Includes references. (NAL Call No.: DNAL SD143.S64).

0358

Assemblages of bird species in western coniferous old-growth forests.

Mannan, R.W. Ogden, Utah, The Station. Abstract: Review of available literature revealed that bird species richness and total bird density varied considerably among assemblages of bird species in various forest types of old-growth timber. However, proportions of species and individuals in foraging and nesting guilds were similar. Among foraging guilds, the number of species and individuals in the "tree-foliage-searching" and "ground-brush-foraging" categories were most abundant. Among nesting guilds, coniferous-tree-nesting birds and hole-nesting birds comprised the greatest proportions of species and individuals. Changes in vegetation structure caused by timber management have a tremendous potential impact on assemblages of bird species. One change that may have a particularly strong impact is the elimination of older forest age classes. Several bird species appear to be negatively impacted by the reduction of old-growth forests. Effects of altering natural assemblages of bird species upon forest systems are unknown, but it is conjectured that a reduction in the number of insectivorous birds may result in reduced stability. Management for high species richness of diversity, with little regard for natural species composition is questioned. Intensive efforts directed at gaining information on wildlife in old-growth forests are advocated. USDA Forest Service general technical report INT - United States Intermountain Forest and Range Experiment Station. Sept 1980. Sept 1980. (86). p. 357-368. Bibliography p. 365-368. (NAL Call No.: aSD11.A48).

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Bald eagles on the Chippewa National Forest.

Milwaukee, Wis.? : U.S. Dept. of Agriculture, Forest Service, Eastern Region, 1987. Cover title. 7 p. : ill., maps ; 23 cm. (NAL Call No.: DNAL QL696.F32B35).

0360

Beaver colony response to fertility control: evaluating a concept.

Brooks, R.P. Fleming, M.W.; Kennelly, J.J. Washington, D.C., Wildlife Society. The Journal of wildlife management. July 1980. v. 44 (3). p. 568-575. ill., map. Bibliography p. 574-575. (NAL Call No.: 410 J827).

0361

Bighorn sheep and fire: seven case histories.

XGTIA. Peek, J.M. Demarchi, D.A.; Demarchi, R.A.; Stucker, D.E. Ogden, Utah : The Station. USDA Forest Service general technical report INT - Intermountain Forest and Range Experiment Station. Paper presented at the "Symposium on Fire's Effects on Wildlife Habitat," March 21, 1984, Missoula, Montana. July 1985. (186). p. 36-43. Includes references. (NAL Call No.: DNAL aSD11.A48).

0362

The development of silvicultural systems of wildlife (Effects of forest management).

Harris, L.D. Hirth, D.H.; Marion, W.R. Baton Rouge, Louisiana State University, Division of Continuing Education. Annual forestry symposium. 1979. 1979. (28th). p. 65-81. ill. Bibliography p. 79-80. (NAL Call No.: 99.9 L935).

0363

Disturbance and vertebrates: an integrative perspective.

Karr, J.R. Freemark, K.E. Orlando, Fla. : Academic Press, 1985. The Ecology of natural disturbance and patch dynamics / edited by S.T.A. Pickett, P.S. White. p. 153-168. Includes references. (NAL Call No.: DNAL QH545.N3E28).

0364

Edge effect: a concept under scrutiny.

NAWTA. Reese, K.P. Ratti, J.T. Washington, D.C. : Wildlife Management Institute. Transactions of the ... North American Wildlife and Natural Resources Conference. Literature review. 1988. (53rd). p. 127-136. Includes references. (NAL Call No.: DNAL 412.9 N814).

0365

Effect of forest edges on north Florida breeding birds (Wildlife management).

Harris, L.D. McElveen, J.D. Gainesville, Fla., The Station. IMPAC reports - Intensive Management Practices Assessment Center, USDA Forest Service, Southeastern Forest Experiment Station. Apr 1981. v. 6 (4). 24 p. ill. 42 ref.

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(NAL Call No.: SD144.A15155).

0366

The effect of forest stand age on owl distribution in southwestern Virginia.
JWMAA9. McGarigal, K. Fraser, J.D. Bethesda, Md. : Wildlife Society. Journal of wildlife management. Oct 1984. v. 48 (4). p. 1393-1398. Includes references. (NAL Call No.: DNAL 410 J827).

0367

The effects of air pollution and acid rain on fish, wildlife, and their habitats : forests / by Louis Borghi. -
Borghi, Louis. Washington, D.C. The Service For sale by the Supt. of Docs., U.S. G.P.O. 1982. "June 1982. ~"Contract no. 14-16-0009-80-085.". vi, 84 p. : map ; 28 cm. --. Bibliography: p. 62-79. (NAL Call No.: QH540.U56 no.80/40.6).

0368

Effects of edge, age, and cover type on wildlife microhabitats in even-aged forest stands in central Pennsylvania.
PPASA. Yahner, R.H. Grimm, J.W. Harrisburg, Pa. : The Academy. Proceedings of the Pennsylvania Academy of Science. 1984. v. 58 (1). p. 61-66. ill. Includes 25 references. (NAL Call No.: DNAL 500 P383).

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Effects of forest fragmentation on winter bird abundance in central Pennsylvania.
PPASA. Yahner, R.H. Allentown, Pa. : The Academy. Proceedings of the Pennsylvania Academy of Science. 1985. v. 59 (2). p. 114-116. Includes references. (NAL Call No.: DNAL 500 P383).

0370

Effects of interstate Highway 95 on small mammals in northern Maine (Wildlife research, ecological impact).
Palman, D.S. ME. Richens, V.B. Orono, Me., The Station. Research in the life sciences. Maine. Life Sciences and Agriculture Experiment Station. Sept 1979. v. 26 (5). 12 p. ill. 19 ref. (NAL Call No.: 100 M28MA).

0371

Effects of logging activities on home-range fidelity of elk.
JWMAA9. Edge, W.D. Marcum, C.L.; Olson, S.L. Bethesda, Md. : Wildlife Society. Journal of wildlife management. July 1985. v. 49 (3). p. 741-744. Includes 22 references. (NAL Call No.: DNAL 410 J827).

0372

Effects of nests boxes on fox squirrel demography, condition and shelter use (Upland forests, Vermilion County, Illinois).
Nixon, C.M. Havera, S.P.; Hansen, L.P. Notre Dame, Ind. : University of Notre Dame. American midland naturalist. July 1984. v. 112 (1). p. 157-171. Includes 3 p. references. (NAL Call No.: 410 M58).

0373

Effects of pine conversion on food plants of northern bobwhite quail, eastern wild turkey, and white-tailed deer in the Virginia Piedmont.
SJAADF. Felix, A.C. III. Sharik, T.L.; McGinnes, B.S. Bethesda, Md. : Society of American Foresters. Southern journal of applied forestry. Feb 1986. v. 10 (1). p. 47-52. Includes references. (NAL Call No.: DNAL SD1.S63).

0374

Effects of thinning small-stem lodgepole pine stands on big game habitat.
XGTIA. Lyon, L.J. Ogden, Utah : The Station. USDA Forest Service general technical report INT - Intermountain Research Station. Paper presented at the "Workshop on Management of Small-Stem Stands of Lodgepole Pine," June 30-July 2, 1986, Fairmont Hot Springs, Montana. Oct 1987. (237). p. 162-165. Includes references. (NAL Call No.: DNAL aSD11.A48).

0375

Elk and mule deer distributions after a cattle introduction in northern Arizona (Effects of grazing, Apache-Sitgreaves National Forest).
McIntosh, B.J. Krausman, P.R. Moscow, Idaho : Forest, Wildlife & Range Experiment Station, University of Idaho, 1982. Proceedings of the Wildlife-Livestock Relationships Symposium : held at Coeur d'Alene, Idaho, April 20-22, 1981 / sponsored by Department of Wildlife Resources, University of Idaho ; (James M. Peek, P.D. Dalke, editors). p. 545-552. map. 11 ref. (NAL Call No.: SF84.84.W5 1981).

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0376

Establishing native forbs to reduce black-tailed deer browsing damage to Douglas-fir (*Pseudotsuga menziesii*).
Campbell, D.L. Evans, J. Davis, Calif., University of California. Proceedings ... Vertebrate Pest Conference. Vertebrate Pest Conference. 1978. 1978. (8th). p. 145-151. ill. 18 ref. (NAL Call No.: SB950.A1V4).

0377

Federal Insecticide, Rodenticide, and Fungicide Act (October 21, 1972).
Washington : The Department. Agriculture handbook - United States Department of Agriculture. Sept 1983. Handbook of Principal Laws Relating to Forest Service Activities. Sept 1983. (453). p. 313-318. (NAL Call No.: 1 AG84AH).

0378

Fire and pest species: A case study of Kosciusko National Park.
Medhurst, G. Good, R. Washington, D.C. : Smithsonian Institution Press, c1984. National parks, conservation, and development : the role of protected areas in sustaining society : proceedings of the World Congress on National Parks, Bali, Indonesia, 11-22 Oct 1982 / ed. J.A. McNe. p. 296-300. (NAL Call No.: DNAL SB481.A2W67 1982).

0379

Fire, logging, and white-tailed deer interrelationships in the Swan Valley, Northwestern Montana.
XGTIA. Freedman, J.D. Habeck, J.R. Ogden, Utah : The Station. USDA Forest Service general technical report INT - Intermountain Forest and Range Experiment Station. Paper presented at the "Symposium on Fire's Effects on Wildlife Habitat," March 21, 1984, Missoula, Montana. July 1985. (186). p. 23-25. ill., maps. Includes references. (NAL Call No.: DNAL aSD11.A48).

0380

Fire's effects on a small bird population.
XGTIA. Lyon, L.J. Marzluff, J.M. Ogden, Utah : The Station. USDA Forest Service general technical report INT - Intermountain Forest and Range Experiment Station. Paper presented at the "Symposium on Fire's Effects on Wildlife Habitat," March 21, 1984, Missoula, Montana. July 1985. (186). p. 16-22. Includes references. (NAL Call No.: DNAL aSD11.A48).

0381

Handbook for protection of fish and wildlife from construction of farm and forest roads : best management practices for building activities associated with the discharge of dredged or fill material / James Hynson ... (et. al.) ; performed for Eastern Energy and Land Use Team, Office of Biological Services, Fish and Wildlife Service, U.S. Department of Interior. -
Hynson, James. (Washington, D.C.) The Service 1982. "Biological Services Program"--Cover ~"July 1982. ~Includes bibliographies ~Contract no.: 14-16-0009-067. xi, 153 p. : ill. ; 28 cm. --. (NAL Call No.: OH540.U56 no.82/18).

0382

Herbicides and wildlife in southern forests.
McComb, W.C. Hurst, G.A. Bethesda, Md. : The Society. Proceedings of the... Society of American Foresters National Convention. Literature review. 1986. p. 160-168. Includes references. (NAL Call No.: DNAL SD143.S64).

0383

History and current status of spotted owl (*Strix occidentalis*) habitat management in the Pacific Northwest Region, USDA, Forest Service.
XFTRA. Lee, P.L. Portland, Or. : The Station. USDA Forest Service general technical report PNW - United States, Pacific Northwest Forest and Range Experiment Station. Paper presented at the "Meeting on Ecology and Management of the Spotted Owl in the Pacific Northwest," June 19-23, 1984, Arcata, California. Sept 1985. (185). p. 5-9. Includes references. (NAL Call No.: DNAL aSD11.A46).

0384

The impact of human activities on breeding bald eagles in north-central Minnesota.
JWMAA9. Fraser, J.D. Frenzel, L.D.; Mathisen, J.E. Bethesda, Md. : Wildlife Society. Journal of wildlife management. July 1985. v. 49 (3). p. 585-592. maps. Includes references. (NAL Call No.: DNAL 410 J827).

0385

Impact of water management on the resources of lowland hardwood forests (Missouri).
Fredrickson, L.H. Baton Rouge, Louisiana State University, Division of Continuing Education. Annual forestry symposium. 1980. Presented at a symposium on Integrating Timber and Wildlife Management in Southern Forests, 1980. 1980. (29). p. 51-64. maps. 13 ref. (NAL Call No.: 99.9 L935).

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0386

Impacts of forest herbicides on wildlife: toxicity and habitat alteration (Birds, mammals, USA).
Morrison, M.L.NAWTA. Meslow, E.C. Washington : Wildlife Management Institute. Transactions of the ... North American Wildlife and Natural Resources Conference. 1983. Literature review. 1983. (48th). p. 175-185. Includes references. (NAL Call No.: 412.9 N814).

0387

Implementing a spotted owl management plan: The Gifford Pinchot National Forest experience.
XFTRA. Ruediger, W.C. Portland, Or. : The Station. USDA Forest Service general technical report PNW - United States, Pacific Northwest Forest and Range Experiment Station. Paper presented at the "Meeting on Ecology and Management of the Spotted Owl in the Pacific Northwest," June 19-23, 1984, Arcata, California. Sept 1985. (185). p. 10-13. (NAL Call No.: DNAL aSD11.A46).

0388

Information and research needs for spotted owl management.
XFTRA. Gutierrez, R.J. Portland, Or. : The Station. USDA Forest Service general technical report PNW - United States, Pacific Northwest Forest and Range Experiment Station. Paper presented at the "Meeting on Ecology and Management of the Spotted Owl in the Pacific Northwest," June 19-23, 1984, Arcata, California. Sept 1985. (185). p. 115-118. Includes references. (NAL Call No.: DNAL aSD11.A46).

0389

Integrated resource management--an even break for wildlife and fish.
Marita, F.J. Bethesda, Md. : The Society. Proceedings of the...Society of American Foresters National Convention. "Economic and Social Development : A Role for Forests and Forestry Professionals," October 18-21, 1987, Minneapolis, Minnesota. 1988. p. 110-112. (NAL Call No.: DNAL SD143.S64).

0390

Integrated timber/wildlife management through education of PNIF owners.
NAWTA. Kurtz, W.B. Irland, L.C. Washington, D.C. : Wildlife Management Institute. Transactions of the ... North American Wildlife and Natural Resources Conference. 1988. (53rd). p. 94-101. Includes references. (NAL Call No.: DNAL 412.9 N814).

0391

Integrating habitat management in Pennsylvania's State Forest Resource Plan.
NAWTA. Devlin, D.A. Tzilkowski, W.M. Washington, D.C. : Wildlife Management Institute. Transactions of the ... North American Wildlife and Natural Resources Conference. 1986. (51st). p. 423-430. Includes references. (NAL Call No.: DNAL 412.9 N814).

0392

Integrating timber and wildlife management in southern forests / edited by Robert H. Chabreck and Robert H. Mills. - .
Chabreck, Robert H.; 1933-; Mills, Robert H. Baton Rouge, La. Published through the academic direction of the School of Forestry and Wildlife Management by the Division of Continuing Education, Louisiana State University c1980. vii, 119 p. : ill., maps ; 24 cm. --. Includes bibliographies. (NAL Call No.: 99.9 L935 29th).

0393

Landowner liability law--implications for public use of private forest land (Recreation, Louisiana).
Siegel, W.C. Baton Rouge, Louisiana State University, Division of Continuing Education. Annual forestry symposium. 1980. Presented at a symposium on Integrating Timber and Wildlife Management in Southern Forests, 1980. 1980. (29). p. 17-24. Includes bibliography. (NAL Call No.: 99.9 L935).

0394

Management of spotted owls by the California Department of Fish and Game.
XFTRA. Gould, G.I. Jr. Portland, Or. : The Station. USDA Forest Service general technical report PNW - United States, Pacific Northwest Forest and Range Experiment Station. Paper presented at the "Meeting on Ecology and Management of the Spotted Owl in the Pacific Northwest," June 19-23, 1984, Arcata, California. Sept 1985. (185). p. 21-26. Includes references. (NAL Call No.: DNAL aSD11.A46).

0395

Managing northern spotted owls in Washington: the position of the Washington Department of Game.
XFTRA. Juelson, T. Portland, Or. : The Station. USDA Forest Service general technical report PNW - United States, Pacific Northwest Forest and Range Experiment Station. Paper presented at the "Meeting on Ecology and Management of the Spotted Owl in the Pacific Northwest," June 19-23, 1984, Arcata, California. Sept 1985. (185). p. 31-33. Includes references. (NAL Call

(FORESTRY RELATED)

No.: DNAL aSD11.A46).

0396

Managing wildlife habitat with fire in the aspen ecosystem.

XGTIA. DeByle, N.V. Ogden, Utah : The Station. USDA Forest Service general technical report INT - Intermountain Forest and Range Experiment Station. Paper presented at the "Symposium on Fire's Effects on Wildlife Habitat," March 21, 1984, Missoula, Montana. July 1985. (186). p. 73-82. ill. Includes references. (NAL Call No.: DNAL aSD11.A48).

0397

A multiobjective programming framework for integrating timber and wildlife management.

EMNGD. Mendoza, G.A. New York, N.Y. : Springer-Verlag. Environmental management. Mar 1988. v. 12 (2). p. 163-171. Includes references. (NAL Call No.: DNAL HC79.E5E5).

0398

Nongame birds of the Rocky Mountains spruce-fir (Picea engelmannii, Abies lasiocarpa) forests and their management.

Smith, K.G. Ogden, Utah, The Station. Abstract: Spruce-fir forests in the Rocky Mountains consist mainly of Engelmann spruce and subalpine fir. The breeding avifaunas in these forests show remarkable consistency in composition along a latitudinal gradient from Montana to Arizona and New Mexico, and with avian communities in the Hudsonian life zone in Washington, Oregon, and California. Woodpeckers, corvids, and seed-eating finches are the most common components. Only the Golden Eagle and a few other raptors are threatened or endangered. Few species winter in these high mountain forests. The distribution of many species is controlled primarily by the vegetation physiognomy, a variable under the control of the forest manager. Fire control and snag management will generally benefit the avifauna, whereas most forest harvesting practices adversely affect, to differing degrees, the bird communities. It is suggested that the "life-form" approach to avian communities may be easily implemented in these forests. It is recommended that high elevation spruce-fir forests be minimally harvested and used as reservoirs for spruce-fir birds. Lower elevational stands should be managed for harvesting and bird diversity, with special attention given to relic stands. USDA Forest Service general technical report INT - United States Intermountain Forest and Range Experiment Station. Sept 1980. (86). p. 258-279. ill., map. Bibliography p. 274-279. (NAL Call No.: aSD11.A48).

0399

Old-growth forest retention for spotted owls--how much do they need?.

XFTRA. Forsman, E.D. Meslow, E.C. Portland, Dr. : The Station. USDA Forest Service general technical report PNW - United States, Pacific Northwest Forest and Range Experiment Station. Paper presented at the "Meeting on Ecology and Management of the Spotted Owl in the Pacific Northwest," June 19-23, 1984, Arcata, California. Sept 1985. (185). p. 58-59. Includes references. (NAL Call No.: DNAL aSD11.A46).

0400

Olympic National Forest spotted owl habitat management: translating evolving management guidelines into actions.

XFTRA. Beckstead, M.A. Portland, Or. : The Station. USDA Forest Service general technical report PNW - United States, Pacific Northwest Forest and Range Experiment Station. Paper presented at the "Meeting on Ecology and Management of the Spotted Owl in the Pacific Northwest," June 19-23, 1984, Arcata, California. Sept 1985. (185). p. 14-20. Includes references. (NAL Call No.: DNAL aSD11.A46).

0401

An overview of recent research on the spotted owl.

XFTRA. Gutierrez, R.J. Portland, Dr. : The Station. USDA Forest Service general technical report PNW - United States, Pacific Northwest Forest and Range Experiment Station. Paper presented at the "Meeting on Ecology and Management of the Spotted Owl in the Pacific Northwest," June 19-23, 1984, Arcata, California. Literature review. Sept 1985. (185). p. 39-49. Includes references. (NAL Call No.: DNAL aSD11.A46).

0402

Planning and managing for the spotted owl in the National Forests, Pacific Southwest Region.

XFTRA. Carrier, W.D. Portland, Dr. : The Station. USDA Forest Service general technical report PNW - United States, Pacific Northwest Forest and Range Experiment Station. Paper presented at the "Meeting on Ecology and Management of the Spotted Owl in the Pacific Northwest," June 19-23, 1984, Arcata, California. Sept 1985. (185). p. 2-4. Includes references. (NAL Call No.: DNAL aSD11.A46).

(FORESTRY RELATED)

0403

Planting trees in Minnesota.

Smith, Marvin E. Scholten, Harold. 1981. This publication provides information on planting trees for general forestry or wildlife purposes. Government assistance programs are also described. Document available from: Bulletin Room, 3 Coffey Hall, 1420 Eckles Avenue, University of Minnesota, St. Paul, Minnesota 55108. 12 p. : ill. (NAL Call No.: Not available at NAL.). (NAL Call No.: Extension Bulletin 350).

0404

Postfire succession of avifauna in the Olympic Mountains, Washington.

XGTIA. Huff, M.H. Agee, J.K.; Manuwal, D.A. Ogden, Utah : The Station. USDA Forest Service general technical report INT - Intermountain Forest and Range Experiment Station. Paper presented at the "Symposium on Fire's Effects on Wildlife Habitat," March 21, 1984, Missoula, Montana. July 1985. (186). p. 8-15. ill., maps. Includes references. (NAL Call No.: DNAL aSD11.A48).

0405

Predicting the effects of land-use changes on wildlife.

NAWTA. Hench, J.E. Flyger, V.; Gibbs, R.; Van Ness, K. Washington, D.C. : Wildlife Management Institute. Transactions of the ... North American Wildlife and Natural Resources Conference. 1985. (50th). p. 345-351. ill., maps. Includes references. (NAL Call No.: DNAL 412.9 N814).

0406

Raptor management--the state of the art in 1980 (Wildlife, birds, habitat, protection).

Olendorff, R.R. Motroni, R.S.; Call, M.W. Ogden, Utah, The Station. Abstract: The techniques of raptor management underwent a decade of intensive research during the 1970s. Raptor conservation, including species protection and management, as well as habitat protection and management, now receives unprecedented attention stemming generally from the increasing interest in nongame wildlife. Highlights of the 1970s include: 1) captive breeding (which is now routine) of 726 Peregrine Falcons at three major facilities in North America, plus smaller successes at other facilities and with dozens of other species worldwide; 2) proof of the value of egg manipulations (such as artificial incubation of thin-shelled eggs and double-clutching) in creating extra birds for management purposes; 3) the testing and evaluation of several methods of introducing extra birds to the wild, including clutch augmentation, fostering, cross-fostering, and hacking (controlled release of nestlings); 4) the establishment of numerous special areas to provide direct

protection of key raptor habitats; and 5) the proliferation of raptor habitat management projects, including artificial feeding programs for raptors, provision of artificial perches and nesting structures, and the development of new natural nest sites. USDA Forest Service general technical report INT - United States Intermountain Forest and Range Experiment Station. Sept 1980. Literature review. Sept 1980. (86). p. 468-523. ill. Bibliography p. 505-523. (NAL Call No.: aSD11.A48).

0407

A review of current northern spotted owl (*Strix occidentalis caurina*) research in Washington state.

XFTRA. Allen, H.L. Brewer, L.W. Portland, Or. : The Station. USDA Forest Service general technical report PNW - United States, Pacific Northwest Forest and Range Experiment Station. Paper presented at the "Meeting on Ecology and Management of the Spotted Owl in the Pacific Northwest," June 19-23, 1984, Arcata, California. Sept 1985. (185). p. 55-57. Includes references. (NAL Call No.: DNAL aSD11.A46).

0408

Short-term effects of logging on red-backed voles and deer mice.

Campbell, T.M. III. Clark, T.W. Provo, Brigham Young University. The Great Basin naturalist. June 30, 1980. v. 40 (2). p. 183-189. ill. 26 ref. (NAL Call No.: 410 G79).

0409

Snag use by birds (Forest management, forest residues, wildlife management).

Miller, E. Miller, D.R. Ogden, Utah, The Station. Abstract: Primary cavity nesters select decayed places in trees for excavation. Decay incidence varies between areas and even between stands and is related to many factors both natural and man-caused. Some characteristics of nest sites used by a cavity nesting species vary with locality. These differences frequently reflect variations in decay incidence. Management plans for cavity nesters can be constructed using available information on stand and area history and decay. Creation of cavity nest trees cannot be facilitated by girdling. Size of nest trees, characteristics of decay and availability of suitable trees all affect cavity nesters. Dead and partly dead trees are important in many other ways. They are used for foraging, drumming, singing posts, food caching, nesting on, nesting under bark, hunting perches, loafing, lookouts anvils, plucking posts, landing and roosting. Dead, dying, deformed and down trees play a vital role in a complex system. USDA Forest Service general technical report INT - United States Intermountain Forest and Range Experiment Station. Sept 1980. Sept 1980. (86). p. 337-356. Bibliography p.

(FORESTRY RELATED)

348-355. (NAL Call No.: aSD11.A48).

0410

Sociopolitical environment for fire and wilderness management in national parks.
XGTIA. Dickenson, R.E. Ogden, Utah : The Station. USDA Forest Service general technical report INT - Intermountain Forest and Range Experiment Station. Paper presented at the "Symposium and Workshop on Wilderness Fire," Nov. 15/18, 1983, Missoula, Montana. Apr 1985. (182). p. 4-8. (NAL Call No.: DNAL aSD11.A48).

0411

Spotted owl management: Meeting NFMA requirements through monitoring.
XFTRA. Carey, A.B. Ruggiero, L.F. Portland, Or. : The Station. USDA Forest Service general technical report PNW - United States, Pacific Northwest Forest and Range Experiment Station. Paper presented at the "Meeting on Ecology and Management of the Spotted Owl in the Pacific Northwest," June 19-23, 1984, Arcata, California. Sept 1985. (185). p. 34-38. Includes references. (NAL Call No.: DNAL aSD11.A46).

0412

Status of spotted owl management in Oregon as perceived by Oregon Department of Fish and Wildlife.
XFTRA. Carleson, R.D. Haight, W.I. Portland, Or. : The Station. USDA Forest Service general technical report PNW - United States, Pacific Northwest Forest and Range Experiment Station. Paper presented at the "Meeting on Ecology and Management of the Spotted Owl in the Pacific Northwest," June 19-23, 1984, Arcata, California. Sept 1985. (185). p. 27-30. Includes references. (NAL Call No.: DNAL aSD11.A46).

0413

A summary of the scientific basis for spotted owl management.
XFTRA. Carey A.B. Portland, Or. : The Station. USDA Forest Service general technical report PNW - United States, Pacific Northwest Forest and Range Experiment Station. Paper presented at the "Meeting on Ecology and Management of the Spotted Owl in the Pacific Northwest," June 19-23, 1984, Arcata, California.~ Literature review. Sept 1985. (185). p. 100-114. Includes references. (NAL Call No.: DNAL aSD11.A46).

0414

That Kaibab myth.
Dunlap, T.R. Durham, N.C. : Forest History Society. Journal of forest history. Apr 1988. v. 32 (2). p. 60-68. ill. Includes references. (NAL Call No.: DNAL 99.8 F7698).

0415

The W. Kelly Mosley Environmental Awards for achievements in forestry, wildlife, and related resources.
Auburn, Ala. : The Service. Circular ANR - Cooperative Extension Service, Auburn University. June 1987. (298). 6 p. ill. (NAL Call No.: DNAL S544.3.A2C47).

0416

Wild animal damage to seed and seedlings on cut-over Douglas fir lands of Oregon and Washington /by A.W. Moore.
Moore, A. W. 1897-. Washington : U.S. Dept. of Agriculture, 1940. Caption title. 28 p. : ill. ; 23 cm. Literature cited: p. 28. (NAL Call No.: DNAL i Ag84Te no.706).

0417

Wild Horse Protection (Act of September 8, 1959).
Washington : The Department. Agriculture handbook - United States Department of Agriculture. Sept 1983. Handbook of Principal Laws Relating to Forest Service Activities. Sept 1983. (453). p. 152. (NAL Call No.: i AG84AH).

0418

Wild Horses and Burros Protection Act (December 15, 1971).
Washington : The Department. Agriculture handbook - United States Department of Agriculture. Sept 1983. Handbook of Principal Laws Relating to Forest Service Activities. Sept 1983. (453). p. 297-303. (NAL Call No.: i AG84AH).

0419

Wildlife and fire research: past, present, and future.
XGTIA. Komarek, E.V. Ogden, Utah : The Station. USDA Forest Service general technical report INT - Intermountain Forest and Range Experiment Station. Paper presented at the "Symposium on Fire's Effects on Wildlife Habitat," March 21, 1984, Missoula, Montana. July 1985. (186). p. 1-7. ill. Includes references. (NAL Call No.: DNAL aSD11.A48).

(FORESTRY RELATED)

0420

Wildlife habitat management in Mid-South upland hardwoods.

Sweeney, J.M. Atlanta, Ga., The Area. Abstract: Wildlife habitat management in mid-south upland hardwoods should be directed towards the production of mast and forage, and the maintenance of snags and vertical diversity. Clearcutting in small, well distributed units, shelterwood management, or uneven-aged management through group selection is probably more beneficial than either individual tree selection or large clearcuts. Thinnings at regular intervals and midstory brush control wood help maintain mast and forage production. Some dead and dying trees should be left standing during harvest and thinning operations to meet present and future needs for cavities. Stands in and adjacent to recreational areas should be managed selectively to maximize vertical diversity. Technical publication SA-TP - United States Forest Service, Division of State and Private Forestry, Southeastern Area. Oct 1980. Oct 1980. (12). p. 144-151. Bibliography p. 149-151. (NAL Call No.: ASD11.U596).

abundances among all the habitats will provide the most desirable mix of wildlife within the demands for individual species and within ecological considerations for wildlife diversity. The WHR ecological has begun to enable land managers and biologists to evaluate effects in a manner meaningful to address the issues and concerns. The question of "old growth" habitat, what it is and how much might be desirable is discussed as an example of WHR application in forest planning. USDA Forest Service general technical report INT - United States Intermountain Forest and Range Experiment Station. Sept 1980. Sept 1980. (86). p. 379-389. ill. 10 ref. (NAL Call No.: ASD11.A48).

0421

Wildlife management on Southern National Forests (U.S. Forest Service).

Hall, L.K. Holbrook, H.L. Baton Rouge, Louisiana State University, Division of Continuing Education. Annual forestry symposium. 1980. Presented at a symposium on Integrating Timber and Wildlife Management in Southern Forests, 1980. 1980. (29). p. 33-40. maps. (NAL Call No.: 99.9 L935).

0422

Wildlife population viability: a question of risk.

NAWTA. Salwasser, H. Mealey, S.P.; Johnson, K. Washington, D.C. : Wildlife Management Institute. Transactions of the ... North American Wildlife and Natural Resources Conference. 1984. (49th). p. 421-439. maps. Includes references. (NAL Call No.: DNAL 412.9 N814).

0423

Wildlife relationships and forest planning.

Egeline, S. Ogden, Utah, The Station. Abstract: The complexity of the "wildlife resource" is vastly greater than any other resource area that the public or private sector manages. To address this complexity, knowledge of all the species has been collected in a single reference (the Wildlife Habitat Relationships Program or WHR) in such a manner that both analysis and decisions can be intelligently made. The issue in wildlife resources planning is not which habitats are to be retained or even which are more important. The primary issue is what distribution of relative

FORESTRY PRODUCTION - GENERAL

0424

Effects of precommercial thinning on understory vegetation and deer habitat utilization on big level island in southeast Alaska.

FOSCA. Doerr, J.G. Sandburg, N.H. Bethesda, Md. : Society of American Foresters. Forest science. Dec 1986. v. 32 (4). p. 1092-1095. Includes references. (NAL Call No.: DNAL 99.8 F7632).

0425

Managing the forest for water, wildlife and forage, unit C-3, 4-H Forestry Program.

National 4-H Forestry Committee. Kundt, John F. 1980. This advanced unit in forestry covers managing water resources, wildlife management and protection and forest and range management. Document available from: Educational Aids, National 4-H Council, 7100 Connecticut Avenue, Washington, D.C. 20015. Publication intended for: Member, Leader and Senior High Level. Learning experience: Knowledge, skills, practices. Decision making. Careers, earning and saving. Personal growth. 12 p. : ill. (NAL Call No.: S533.F66D6).(NAL Call No.: CD 756).

FORESTRY PRODUCTION - NATURAL REGENERATION

0426

Cultural treatments in low-quality hardwood stands for wildlife and timber production.
Waldrop, T.A. Buckner, E.R.; Muncy, J.A. New Orleans, La. : The Station. Forest Service general technical report SO - United States, Southern Forest Experiment Station. Paper presented at the "Third Biennial Southern Silvicultural Research Conference," November 7/8, 1984, Atlanta, Georgia. Apr 1985. (54). p. 493-500. Includes references. (NAL Call No.: DNAL aSD11.U57).

0427

Effects of chaparral shrubland fire on terrestrial wildlife.
Nichols, R. Menke, J. Davis, Calif. : Water Resources Center, University of California, Davis, 1984. Shrublands in California : literature review and research needed for management / edited by Johannes J. DeVries. Literature review. p. 74-97. Includes references. (NAL Call No.: DNAL QH541.5.S5555).

0428

Effects of clearcutting a subalpine forest in central Colorado on wildlife habitat.
XFRMA. Crouch, G.L. Fort Collins, Colo. : The Station. USDA Forest Service research paper RM - United States, Rocky Mountain Forest and Range Experiment Station. Mar 1985. (258). 14 p. ill. Includes references. (NAL Call No.: DNAL A99.9 F7632U).

0429

Effects of clearcutting and site preparation on the vegetation and wildlife in the flatwoods of Kemper County, Mississippi / Carroll J. Perkins. -
Perkins, Carroll J., 1913-. Ann Arbor, Mich. University Microfilms International 1980. Thesis--Mississippi State University, 1973. Facsimile produced by microfilm-xerography. xiv, 236 leaves. Bibliography: leaves (219)-236. (NAL Call No.: DISS 74-13,164).

0430

Effects of precommercial thinning and fertilizing on deer forage in a loblolly pine plantation (White-tailed deer (*Odocoileus virginianus*), *Pinus taeda*).
Hurst, G.A. Campo, J.J.; Brooks, M.B. Washington, Society of American Foresters. Southern journal of applied forestry. Aug 1982. v. 6 (3). p. 140-144. ill. 16 ref. (NAL Call No.: SD1.S63).

0431

Effects of prescribed burning on bottlebrush squirreltail (*Sitanion hystrix*, range plants, Oregon).
Young, R.P.OASPA. Miller, R.F. Corvallis : The Station. Special report - Agricultural Experiment Station, Oregon State University. June 1983. 1983 Progress Report: Research in Rangeland Management. June 1983. (682). p. 20-22. (NAL Call No.: 100 DR3M).

0432

The effects of prescribed burning on mule deer in Lava Beds National Monument (California).
Purcell, A. Schnoes, R.; Starkey, E. Corvallis, Or. : Oregon State University Forest Research Laboratory, 1982. Ecological research in national parks of the Pacific Northwest : proceedings, 2nd Conf. on Scientific Research in the National Parks, San Francisco, Calif., Nov 1979 / techn. coord. E. Starkey, J. Franklin, J. Matthews. p. 111-120. ill., maps. Includes references. (NAL Call No.: SB481.A2C6 1979).

0433

Effects of prescribed fire on black bear populations in southern forests (USA).
Hamilton, R.J. Georgetown, S.C. : The Belle W. Baruch Forest Science Institute of Clemson University, 1981. Prescribed fire and wildlife in Southern forests / edited by Gene W. Wood. p. 129-134. 2 p. ref. (NAL Call No.: SD421.3.P7 1981).

0434

Effects of prescribed fire on nutrition of mountain sheep and mule deer during winter and spring *Ovis canadensis*, *Odocoileus hemionus*.
JWMAA9. Hobbs, N.T. Spowart, R.A. Bethesda, Md. : Wildlife Society. Journal of wildlife management. Apr 1984. v. 48 (2). p. 551-560. Includes references. (NAL Call No.: DNAL 410 J827).

0435

Fire management policy and programs for national wildlife refuges.
XGTIA. Belcher, F.A. Ogden, Utah : The Station. USDA Forest Service general technical report INT - Intermountain Forest and Range Experiment Station. Paper presented at the "Symposium and Workshop on Wilderness Fire," Nov. 15/18, 1983, Missoula, Montana. Apr 1985. (182). p. 28-29. (NAL Call No.: DNAL aSD11.A48).

(FORESTRY PRODUCTION - NATURAL REGENERATION)

0436

Range burning, stone's sheep, and the leaky bucket.

XGTIA. Seip, D.R. Bunnell, F.L. Ogden, Utah : The Station. USDA Forest Service general technical report INT - Intermountain Forest and Range Experiment Station. Paper presented at the "Symposium on Fire's Effects on Wildlife Habitat," March 21, 1984, Missoula, Montana. July 1985. (186). p. 44-47. Includes references. (NAL Call No.: DNAL aSD11.A48).

0437

State regulation of controlled burning, 1945-1975 /by T.F. Arvola and Harold W. Wolfram.

Arvola, T. F. Wolfram, Harold W. Sacramento : Dept. of Forestry, 1986. Cover title. 39 p. : ill. ; 28 cm. Bibliography: p. 36-37. (NAL Call No.: DNAL S608.A78).

0438

Value of range data on fire effects to the wildlife manager.

Grelen, H.E. Lewis, C.E. Georgetown, S.C. : The Belle W. Baruch Forest Science Institute of Clemson University, 1981. Prescribed fire and wildlife in Southern forests / edited by Gene W. Wood. p. 155-159. 2 p. ref. (NAL Call No.: SD421.3.P7 1981).

FORESTRY PROD. - HARVESTING AND ENGINEERING

0439

Effects of cabling pinyon-juniper on mule deer and lagomorph use.

XGTIA. Howard, V.W. Jr. Cheap, K.M.; Hier, R.H.; Thompson, T.G.; Dimas, J.A. Ogden, Utah : The Station. General technical report INT - U.S. Department of Agriculture, Forest Service, Intermountain Research Station. Paper presented at a "Conference on Pinyon-Juniper," January 13-16, 1986, Reno, Nevada. Jan 1987. (215). p. 552-557. Includes references. (NAL Call No.: DNAL aSD11.A48).

0440

Effects of chaining pinyon-juniper on nongame wildlife.

XGTIA. Sedgwick, J.A. Ryder, R.A. Ogden, Utah : The Station. General technical report INT - U.S. Department of Agriculture, Forest Service, Intermountain Research Station. Paper presented at a "Conference on Pinyon-Juniper," January 13-16, 1986, Reno, Nevada. Jan 1987. (215). p. 541-551. Includes references. (NAL Call No.: DNAL aSD11.A48).

0441

Effects of commercial clearcutting of aspen on understory vegetation and wildlife habitat values in southwestern Colorado (Populus tremuloides, forest management).

Crouch, G.L.XFRMA. Fort Collins : The Station. USDA Forest Service research paper RM - United States, Rocky Mountain Forest and Range Experiment Station. Aug 1983. Aug 1983. (246). 8 p. ill. Includes references. (NAL Call No.: A99.9 F7632U).

0442

The effects of timber harvesting on the marten / by Edward C. Soutiere. -

Soutiere, Edward C., 1943-. Ann Arbor, Mich. University Microfilms International 1979. Thesis--University of Maine, 1978. Facsimile produced by microfilm-xerography. 2, 62, 22 leaves. Bibliography: leaves 57-60. (NAL Call No.: DISS 78-22,793).

0443

Effects of timber harvesting on ungulates in northern Maine (Moose, Alces alces, white-tailed deer, Odocoileus virginianus).

Monthey, R.W. Washington, D.C. : Wildlife Society. Journal of wildlife management. Jan 1984. v. 48 (1). p. 279-285. Includes references. (NAL Call No.: 410 J827).

0444

Road effects and impacts on wildlife and fisheries.

Lyon, L.J. Denver, Colo. : Engineering, USDA Forest Service, 1985. Proceedings : Forest Transportation Symposium, December 11, 12, & 13, 1984, Casper, Wyoming / prepared by Engineering Staff Unit, USDA Forest Service, Rocky Mountain Region. p. 98-118. Includes references. (NAL Call No.: DNAL aSD389.F6 1984).

0445

Roadless area-intensive management tradeoffs on the Sierra National Forest, California (Timber management).

Hrubes, R.J. Connaughton, K.P.; Sassaman, R.W. Berkeley, Calif., The Station. Abstract: This hypothesis was tested by a linear programming model: Roadless areas on the Sierra National Forest precluded from planned future development would be candidates for wilderness designation, and the associated loss in present and future timber harvests could be offset by investing in more intensive management. The results of this simulation test suggest that levels of programmed harvesting cannot be maintained when roadless areas are withdrawn and funds are reallocated for intensive management on other areas. Additional tradeoffs were found in estimating the effects on fish, wildlife, recreation, and visual resources. USDA Forest Service research paper PSW - United States, Pacific Southwest Forest and Range Experiment Station. Dec 1979. Dec 1979. (149). 11 p. ill., map. 4 ref. (NAL Call No.: A99.9 F7652P).

0446

Songbird populations and clearcut harvesting of aspen (Populus tremuloides) in northern Utah (Wildlife habitat).

DeByle, N.V. Ogden, Utah, The Station. Abstract: Songbird populations on 10 acres of aspen forest were censused during early summer for 2 years prior and for 2 years after clearcutting more than half of the census area. Numbers of breeding pairs, by species, were estimated. Some 33 bird species were observed. Between 21 and 26 species were seen each year, with 12 to 19 of them nesting. Temporary change in habitat was implicated in the decline or loss of five species and the increase or invasion of three others. USDA Forest Service research note INT - United States Intermountain Forest and Range Experiment Station. Mar 1981. Mar 1981. (302). 7 p. ill. 11 ref. (NAL Call No.: A99.9 F764UN).

FOREST MANAGEMENT

0447

Application of expert-based decision models to promote integrated management of forests and deer.

NAWTA. McNay, R.S. Page, R.E.; Campbell, A. Washington, D.C. : Wildlife Management Institute. Transactions of the ... North American Wildlife and Natural Resources Conference. Meeting held March 20-25, 1987, Le Chateau Frontenac, Quebec City, Quebec. 1987. (52nd). p. 82-91. Includes references. (NAL Call No.: DNAL 412.9 N814).

0448

Canopy development in lodgepole pine: implications for wildlife studies and multiple resource management (Pinus contorta, wildlife cover, effects of timber management, models). Cole, D.M.XGTIA. Ogden : The Station. USDA Forest Service general technical report INT - Intermountain Forest and Range Experiment Station. Feb 1983. Feb 1983. (Int-139). 13 p. ill. Includes references. (NAL Call No.: aSD11.A48).

0449

Effect of forest roads on habitat use by Roosevelt elk.

NOSCA. Witmer, G.W. DeCalesta, D.S. Pullman, Wash. : Washington State University Press. Northwest science. May 1985. v. 59 (2). p. 122-125. Includes 10 references. (NAL Call No.: DNAL 470 N81).

0450

Effect of sheep grazing on big game habitat in Oregon's coast range (Vegetation control on Pseudotsuga menziesii plantations, wildlife ecology and management, Siuslaw National Forest, forage quality).

Rhodes, B.D.OASPA. Sharrow, S.H. Corvallis : The Station. Special report - Agricultural Experiment Station, Oregon State University. June 1983. 1983 Progress Report: Research in Rangeland Management. June 1983. (682). p. 28-29. (NAL Call No.: 100 OR3M).

0451

Effects of commercial clearcutting of aspen on understory vegetation and wildlife habitat values in southwestern Colorado (Populus tremuloides, forest management).

Crouch, G.L.XFRMA. Fort Collins : The Station. USDA Forest Service research paper RM - United States, Rocky Mountain Forest and Range Experiment Station. Aug 1983. Aug 1983. (246). 8 p. ill. Includes references. (NAL Call No.: A99.9 F7632U).

0452

Effects of edge, age, and cover type on wildlife microhabitats in even-aged forest stands in central Pennsylvania.

PPASA. Yahner, R.H. Grimm, J.W. Harrisburg, Pa. : The Academy. Proceedings of the Pennsylvania Academy of Science. 1984. v. 58 (1). p. 61-66. ill. Includes 25 references. (NAL Call No.: DNAL 500 P383).

0453

Effects of forest management practices on wildlife ecology : a list of citations / Larry D. Harris ; with the assistance of G. Bruce Bowman ... (et al.). -.

Harris, Larry D. (Gainesville, Fla.) School of Forest Resources and Conservation (IFAS), University of Florida 1978. 108 p. ; 28 cm. --. Includes index. (NAL Call No.: SD144.A15I55 v. 3, no. 9).

0454

Effects of hunting on habitat use by mule deer on mixed-grass prairie in Montana (Management implications in relation to forested districts).

Swenson, J.E. Bethesda, Md. ; The Society. Wildlife Society bulletin. Summer 1982. v. 10 (2). p. 115-120. 21 ref. (NAL Call No.: SK357.A1W5).

0455

Fire policies and programs of the National Park System.

XGTIA. Butts, D.B. Ogden, Utah : The Station. USDA Forest Service general technical report INT - Intermountain Forest and Range Experiment Station. Paper presented at the "Symposium and Workshop on Wilderness Fire," Nov. 15/18, 1983, Missoula, Montana. Apr 1985. (182). p. 43-48. Includes references. (NAL Call No.: DNAL aSD11.A48).

0456

Forest-wildlife management programs on National Wildlife Refuge lands in the Southeast.

Stewart, C.A. Baton Rouge, Louisiana State University, Division of Continuing Education. Annual forestry symposium. 1980. Presented at a symposium on Integrating Timber and Wildlife Management in Southern Forests, 1980. 1980. (29). p. 27-32. (NAL Call No.: 99.9 L935).

(FOREST MANAGEMENT)

0457

Forestry and wildlife management programs on Corps of Engineers lands (Lower Mississippi Valley).

Moore, H. Baton Rouge, Louisiana State University, Division of Continuing Education. Annual forestry symposium. 1980. Presented at a symposium on Integrating Timber and Wildlife Management in Southern Forests, 1980. 1980. (29). p. 45-47. (NAL Call No.: 99.9 L935).

0458

Integrated timber/wildlife management through education of PNIF owners.

NAWTA. Kurtz, W.B. Inland, L.C. Washington, D.C. : Wildlife Management Institute. Transactions of the ... North American Wildlife and Natural Resources Conference. 1988. (53rd). p. 94-101. Includes references. (NAL Call No.: DNAL 412.9 N814).

0459

Integrating forest management for wildlife and fish /compiled by Thomas W. Hoekstra and Jack Capp.

Hoekstra, T. W.; Capp, Jack. Saint Paul, Minn. : U.S. Dept. of Agriculture, Forest Service, North Central Forest Experiment Station, 1988. 63 p. : ill. ; 28 cm. Includes bibliographies. (NAL Call No.: DNAL aSD11.A352 no.122).

0460

Integrating timber and wildlife management in southern forests / edited by Robert H. Chabreck and Robert H. Mills. -.

Chabreck, Robert H. ; 1933-; Mills, Robert H. Baton Rouge, La. Published through the academic direction of the School of Forestry and Wildlife Management by the Division of Continuing Education, Louisiana State University c1980. vii, 119 p. : ill., maps ; 24 cm. --. Includes bibliographies. (NAL Call No.: 99.9 L935 29th).

0461

Intensive pine plantation management and white-tailed deer habitat (Mississippi).

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0506

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0518

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ANIMAL ECOLOGY

0528

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0529

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Wolfe, M.L. Moscow, Idaho : Forest, Wildlife & Range Experiment Station, University of Idaho, 1982. Proceedings of the Wildlife-Livestock Relationships Symposium : held at Coeur d'Alene, Idaho, April 20-22, 1981 / sponsored by Department of Wildlife Resources, University of Idaho ; (James M. Peek, P.D. Dalke, editors). p. 394-408. ill. 17 ref. (NAL Call No.: SF84.84.W5 1981).

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0532

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A review of current northern spotted owl (*Strix occidentalis caurina*) research in Washington state.
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A review of the effects of off-road vehicles on birds and other vertebrates.
Berry, K.H. Ogden, Utah, The Station. Abstract: A review of the literature on the effects of off-road vehicles (ORVs) on birds revealed five papers, only one of which covered the subject in depth. There are several additional papers on impacts of ORVs on fishes, Amphibians, reptiles and mammals, most of which deal with species of the arid Southwest. Almost without exception, analyses of the data revealed that ORV use has significant negative impacts and can reduce numbers, diversity, and biomass of vertebrates. The degree of impact depends upon amount and intensity of ORV use, habitat type, and sensitivity of the species. The literature on effects of ORVs on soils and vegetation--major wildlife habitat

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components--and on related topics such as erodibility of soils, rates of erosion, and revegetation, is much more extensive. Information from such studies infer the kinds of impacts that can occur to birds and other vertebrates. USDA Forest Service general technical report INT - United States Intermountain Forest and Range Experiment Station. Sept 1980. Literature review. Sept 1980. (86). p. 451-467. Bibliography p. 462-467. (NAL Call No.: aSD11.A48).

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Peterson, S.R. Ogden, Utah, The Station. Abstract: Birds have a variety of roles in western communities. Individual birds, populations, or species may have one or several roles at the same time, or roles may be different at different times. These roles are examined from three viewpoints: economic, aesthetic, and ecologic. Management decisions involving birds should stress our desire to retain intact communities as well as the need to maintain the various roles discussed. USDA Forest Service general technical report INT - United States Intermountain Forest and Range Experiment Station. Sept 1980. Sept 1980. (86). p. 6-12. 22 ref. (NAL Call No.: aSD11.A48).

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Some effects of beaver (*Castor canadensis*) and beaver pond management on the ecology and utilization of fish populations along warm-water streams in Georgia and South Carolina / by Thomas Marion Pullen. -

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Some physico-chemical effects of beaver dams upon Michigan trout streams in the Watersmeet area / by Arthur K. Adams. -

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Songbird populations and clearcut harvesting of aspen (*Populus tremuloides*) in northern Utah (Wildlife habitat).

DeByle, N.V. Ogden, Utah, The Station. Abstract: Songbird populations on 10 acres of aspen forest were censused during early summer

for 2 years prior and for 2 years after clearcutting more than half of the census area. Numbers of breeding pairs, by species, were estimated. Some 33 bird species were observed. Between 21 and 26 species were seen each year, with 12 to 19 of them nesting. Temporary change in habitat was implicated in the decline or loss of five species and the increase or invasion of three others. USDA Forest Service research note INT - United States Intermountain Forest and Range Experiment Station. Mar 1981. Mar 1981. (302). 7 p. ill. 11 ref. (NAL Call No.: A99.9 F764UN).

0584

Strip-mine reclamation and bird habitats (Legislation, USA).

Karr, J.R. Ogden, Utah, The Station. Abstract: Societal perceptions of wildlife have changed rapidly in the last two decades as demonstrated by a recent proliferation of environmental legislation. The Surface Mining Control and Reclamation Act of 1977 (PL 95-87) is an example of that legislation which opens many new potentials for enhancement of wildlife populations. Effective use of the opportunities provided by that Act requires more effective integration of applied and theoretical ecology. A model of the determinants of avian community structure is reviewed and discussed in light of reclamation needs on strip-mine areas. USDA Forest Service general technical report INT - United States Intermountain Forest and Range Experiment Station. Sept 1980. Sept 1980. (86). p. 88-97. 24 ref. (NAL Call No.: aSD11.A48).

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Territorial behavior and population regulation in anoline lizards / by Richard Philipbosian. - Philipbosian, Richard (Richard Fred), 1943-. 1972. Thesis (Ph.D.)--University of California, Riverside, 1972. Photocopy of typescript. Ann Arbor: University Microfilms, 1972. viii, 121 leaves ; 21 cm. Bibliography: leaves 81-83. (NAL Call No.: DISS 72-22,054).

0586

The use of disturbed habitats by North American birds wintering in Mexico.

BTROA. Leck, C.F. Fairfax, Va. : Association for Tropical Biology. Biotropica. Sept 1985. v. 17 (3). p. 263-264. Includes references. (NAL Call No.: DNAL QH301.B52).

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Use of montane meadows by birds (Nongame wildlife management, avian ecology).

Samson, F.B. Ogden, Utah, The Station. Abstract: Montane meadows comprise about 3.2 million ha under the jurisdiction of the U.S. Forest Service, the Bureau of Land Management,

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and state and private ownership. Relatively few species of birds breed on montane meadows, but meadows serve as important foraging areas for avian communities associated with nearby riparian or forest habitats. Recommendations for management of montane meadows include: (1) care should be exercised in grazing or other land-use prescriptions such as fire, considering their apparent accelerative effect on meadow succession; (2) information is needed on the effect of meadow size on the diversity of breeding and foraging birds to fully predict the effect of land use changes; and (3) detailed studies involving marked individuals rather than singing male counts are needed to ensure accurate estimates of densities and essential habitat needs of breeding birds. USDA Forest Service general technical report INT - United States Intermountain Forest and Range Experiment Station. Sept 1980. Sept 1980. (86). p. 113-119. (NAL Call No.: aSD11.A48).

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Wildlife on ungrazed and grazed bottomlands on the South Platte River, northeastern Colorado (Habitats, land management, adverse effects). Crouch, G.L. Moscow, Idaho : Forest, Wildlife & Range Experiment Station, University of Idaho, 1982. Proceedings of the Wildlife-Livestock Relationships Symposium : held at Coeur d'Alene, Idaho, April 20-22, 1981 / sponsored by Department of Wildlife Resources, University of Idaho ; (James M. Peek, P.D. Dalke, editors). Includes list of nongame birds. p. 186-197. ill. 9 ref. (NAL Call No.: SF84.84.W5 1981).

0589

Woodpecker attacks on houses. Moorman, Robert B. Manderscheid, Michael. Document available from: Iowa State University, Publications Distribution, Printing & Publications Bldg., Ames, Iowa 50011 1977. This discusses why woodpeckers attack houses with rough wood siding and how to prevent it. 1 sheet. (NAL Call No.: Document available from source.).(NAL Call No.: WL-43).

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0590

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Burning and grazing effects on bobwhite foods in the Southeastern Coastal Plain.
WLSBA. Lewis, C.E. Harshbarger, T.J. Bethesda, Md. : The Society. Wildlife Society bulletin. Winter 1986. v. 14 (4). p. 455-459. Includes references. (NAL Call No.: DNAL SK357.A1W5).

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0593

Ecological importance of feral ungulates at Shackelford Banks, North Carolina.
AMNAA. Wood, G.W. Mengak, M.T.; Murphy, M. Notre Dame, Ind. : University of Notre Dame. American midland naturalist. Oct 1987. v. 118 (2). p. 236-244. Includes references. (NAL Call No.: DNAL 410 M58).

0594

Effects of cattle grazing on mule deer diet and area selection.
JRMGA. Austin, D.D. Urness, P.J. Denver, Colo. : Society for Range Management. Journal of range management. Jan 1986. v. 39 (1). p. 18-21. ill. Includes references. (NAL Call No.: DNAL 60.18 J82).

0595

Effects of cattle grazing upon chemical constituents within important forages for elk.
NOSCA. Dragt, W.J. Havstad, K.M. Pullman, Wash. : Washington State University Press. Northwest science. May 1987. v. 61 (2). p. 70-73. Includes references. (NAL Call No.: DNAL 470 N81).

0596

Effects of cool-season agronomic forages on white-tailed deer.
WLSBA. Johnson, M.K. Delany, B.W.; Lynch, S.P.; Zeno, J.A.; Schultz, S.R.; Keegan, T.W.; Nelson, B.D. Bethesda, Md. : The Society. Wildlife Society bulletin. Fall 1987. v. 15 (3). p. 330-339. Includes references. (NAL Call No.: DNAL SK357.A1W5).

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Effects of cool-season forage crops on white-tailed deer.
LOAGA. Johnson, M.K. Delany, B.W.; Lynch, S.P.; Nelson, B.D. Baton Rouge, La. : The Station. Louisiana agriculture - Louisiana Agricultural Experiment Station. Summer 1986. v. 29 (4). p. 3, 20. ill. (NAL Call No.: DNAL 100 L939).

0598

The effects of fall defoliation on the utilization of bluebunch wheatgrass (Agropyron spicatum) and its influence on the distribution of deer in spring.
Willms, W. Bailey, A.W.; McLean, A.; Tucker, R. Denver, Society for Range Management. Journal of range management. Jan 1981. v. 34 (1). p. 16-18. ill. 7 ref. (NAL Call No.: 60.18 J82).

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Hershberger, T.V. Cushwa, C.T. University Park, Pa. : The Station. Bulletin - Pennsylvania State University, Agricultural Experiment Station. May 1984. (846). 26 p. ill. Includes references. (NAL Call No.: 100 P381).

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Effects of foraging experience on food selectivity of tame mule deer (Odocoileus hemionus, Colorado).
Bartmann, R.M. Carpenter, L.H. Washington, Wildlife Society. Journal of wildlife management. July 1982. v. 46 (3). p. 813-818. 21 ref. (NAL Call No.: 410 J827).

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Effects of grazing management on streambanks.
NAWTA. Bohn, C.C. Buckhouse, J.C. Washington, D.C. : Wildlife Management Institute. Transactions of the ... North American Wildlife and Natural Resources Conference. 1986. (51st). p. 265-271. Includes references. (NAL Call No.: DNAL 412.9 N814).

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Effects of livestock grazing on wildlife.
Gallizioli, S. Reno, Wildlife Society, Western Section, and American Fisheries Society, California-Nevada Chapter. Cal-Neva wildlife. 1979. 1979. (29th). p. 83-85. 19 ref. (NAL Call No.: SK351.W523).

0603

Effects of overgrazing on the lizards of five upper and lower Sonoran habitat types.
Jones, K.B. Reno, Wildlife Society, Western Section, and American Fisheries Society, California-Nevada Chapter. Cal-Neva wildlife. 1979. 1979. (29th). p. 88-101. ill. 21 ref. (NAL Call No.: SK351.W523).

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Effects of supplemental dietary copper on growth, reproductive performance and kit survival of standard dark mink and the acute toxicity of copper to mink.
Aulerich, R.J. Ringer, R.K.; Bleavins, M.R.; Napolitano, A. Champaign, Ill., American Society of Animal Science. Journal of animal science. Aug 1982. v. 55 (2). p. 337-343. 1 p. ref. (NAL Call No.: 49 J82).

0605

Impacts of grazing on wetlands and riparian habitat.
Platts, W.S. Raleigh, R.F. Boulder, Colo. : Westview Press, 1984. Developing strategies for rangeland management : a report / prepared by the Committee on Developing Strategies for Rangeland Management, National Research Council/National Academy of Sciences. p. 1105-1117. Includes references. (NAL Call No.: DNAL SF85.3.D48).

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AQUACULTURE AND FISHERIES - GENERAL

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North America, plus smaller successes at other facilities and with dozens of other species worldwide; 2) proof of the value of egg manipulations (such as artificial incubation of thin-shelled eggs and double-clutching) in creating extra birds for management purposes; 3) the testing and evaluation of several methods of introducing extra birds to the wild, including clutch augmentation, fostering, cross-fostering, and hacking (controlled release of nestlings); 4) the establishment of numerous special areas to provide direct protection of key raptor habitats; and 5) the proliferation of raptor habitat management projects, including artificial feeding programs for raptors, provision of artificial perches and nesting structures, and the development of new natural nest sites. USDA Forest Service general technical report INT - United States Intermountain Forest and Range Experiment Station. Sept 1980. Literature review. Sept 1980. (86). p. 468-523. ill. Bibliography p. 505-523. (NAL Call No.: aSD11.A48).

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A state and federal partnership for soil and wildlife conservation.
JSWCA3: Miller, R.D. Ulrich, D.L.; Mills, R.C. Ankeny, Iowa : Soil Conservation Society of America. Journal of soil and water conservation. Mar/Apr 1986. v. 41 (2). p. 81-84. ill. Includes 14 references. (NAL Call No.: DNAL 56.8 J822).

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Fisher, A.C. Krutilla, J.V. Berkeley : The Station. Extract: In this paper we develop some of the economic theory relevant to decisions about nature preservation. The theory is motivated by a discussion of current issues: the disposition of wilderness lands and the protection of endangered species. One may question the importance of wilderness and endangered species as "economic resources." We indicate how and why they are important--more important, perhaps, than the conventional extractive resources that economists usually worry about. Working paper - Giannini Foundation of Agricultural Economics, California Agricultural Experiment Station. Includes statistical data. July 1983. (288). 42 p. Includes 22 references. (NAL Call No.: DNAL AGE 916970(AGE)).

1180

Effect of forest edges on north Florida breeding birds (Wildlife management).

Harris, L.D. McElveen, J.D. Gainesville, Fla., The Station. IMPAC reports - Intensive Management Practices Assessment Center, USDA Forest Service, Southeastern Forest Experiment Station. Apr 1981. v. 6 (4). 24 p. ill. 42 ref. (NAL Call No.: SD144.A15I55).

1181

Effects of grazing on long-billed curlew (Numenius americanus) breeding behavior and ecology in Southwestern Idaho (Wildlife management, range management).

Bicak, T.K. Redmond, R.L.; Jenni, D.A. Moscow, Idaho : Forest, Wildlife & Range Experiment Station, University of Idaho, 1982. Proceedings

of the Wildlife-Livestock Relationships Symposium : held at Coeur d'Alene, Idaho, April 20-22, 1981 / sponsored by Department of Wildlife Resources, University of Idaho ; (James M. Peek, P.D. Dalke, editors). p. 74-85. ill., maps. 9 ref. (NAL Call No.: SF84.84.W5 1981).

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The effects of rest-rotation grazing on the distribution of sharp-tailed grouse (Pedioecetes phasianellus jamesii, wildlife management, cattle production, habitat preservation, over-grazing, Phillips County, Montana).

Nielsen, L.S. Yde, C.A. Moscow, Idaho : Forest, Wildlife & Range Experiment Station, University of Idaho, 1982. Proceedings of the Wildlife-Livestock Relationships Symposium : held at Coeur d'Alene, Idaho, April 20-22, 1981 / sponsored by Department of Wildlife Resources, University of Idaho ; (James M. Peek, P.D. Dalke, editors). p. 147-165. ill., maps. 19 ref. (NAL Call No.: SF84.84.W5 1981).

1183

Effects of vegetation manipulation on breeding waterfowl in prairie wetlands a literature review /by Harold A. Kantrud. --.

Kantrud, Harold A. Washington, D.C. : United States Dept. of the Interior, Fish and Wildlife Service, 1986. 15 p. : ill. ; 26 cm. --. Bibliography: p. 11-15. (NAL Call No.: DNAL SH11.A37 no.3).

1184

Endangered species; the economics of irreversible damage.

Fisher, A.C. Hanemann, W.M. Berkeley : The Station. Extract: In this paper the authors developed some of the economic theory relevant to decisions about the protection of endangered species and their natural habitat. Two key concepts emerge from the discussion: uncertainty and irreversibility. Uncertainty is pervasive in economic life, of course. But more than the usual degree of uncertainty surrounds the potential future benefits from conserving ecosystems. Most endangered species, for example, remain as yet undiscovered in tropical moist forests that are at the same time undergoing rapid and (from the point of view of the indigenous species) destructive development. In these circumstances it is hard to predict what values--a cure for (some form of) cancer, a liquid hydrocarbon, a perennial corn, to name just three of the more interesting among current possibilities--will ultimately emerge if the species that may produce them are not lost. Working paper - Giannini Foundation of Agricultural Economics, California Agricultural Experiment Station. Formerly working paper no. 269. This title has been renumbered. July 1984. (329, rev). 17 p. Includes 19 references. (NAL Call No.: DNAL AGE

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916970(AGE)).

1185

Everglades National Park: an imperiled wetland.
Hendrix, G. Morehead, J. Miami, Fla. U.S.A. :
The Conference, 1985. Proceedings of the
Eleventh World Orchid Conference, March 1984,
Miami, Florida, U.S.A. / editor, Kiat W. Tan.
p. 215-219. maps. Includes references. (NAL
Call No.: DNAL SB409.W6 1984).

1186

Fighting deforestation a home.
BISNA. Washington, D.C. : The Institute.
BioScience - American Institute of Biological
Sciences. Apr 1988. v. 38 (4). p. 220-224. ill.
(NAL Call No.: DNAL 500 AM322A).

1187

**Fire management opportunities and concerns
under BLM wilderness program policy.**
XGTIA. Birch, J.E. Ogden, Utah : The Station.
USDA Forest Service general technical report
INT - Intermountain Forest and Range Experiment
Station. Paper presented at the "Symposium and
Workshop on Wilderness Fire," Nov. 15/18, 1983,
Missoula, Montana. Apr 1985. (182). p. 25-27.
(NAL Call No.: DNAL aSD11.A48).

1188

**Fire management policy and programs for
national wildlife refuges.**
XGTIA. Belcher, F.A. Ogden, Utah : The Station.
USDA Forest Service general technical report
INT - Intermountain Forest and Range Experiment
Station. Paper presented at the "Symposium and
Workshop on Wilderness Fire," Nov. 15/18, 1983,
Missoula, Montana. Apr 1985. (182). p. 28-29.
(NAL Call No.: DNAL aSD11.A48).

1189

**Forest-wildlife management programs on National
Wildlife Refuge lands in the Southeast.**
Stewart, C.A. Baton Rouge, Louisiana State
University, Division of Continuing Education.
Annual forestry symposium. 1980. Presented at a
symposium on Integrating Timber and Wildlife
Management in Southern Forests, 1980. 1980.
(29). p. 27-32. (NAL Call No.: 99.9 L935).

1190

**Gravel pits as fish and wildlife habitat at the
Max McGraw Wildlife Foundation (Reclamation
planning, erosion control, monitoring programs,
natural resources management, Illinois).**
Oldenburg, R.C. Montgomery, R.A.; Harder, T.M.;
Burger, G.V. St. Paul : The Station.
Miscellaneous publication - University of
Minnesota, Agricultural Experiment Station.
1982. 1982. (17). p. 215-220. 10 ref. (NAL Call
No.: S1.M52).

1191

**Improving riparian protection by linking state
programs.**
Mantell, M. Metzger, P.; Reid, C. Fort Collins,
Colo. : The Station. General technical report
RM - Rocky Mountain Forest and Range Experiment
Station, United States, Forest Service. Paper
presented at the "Conference on Riparian
Ecosystems and their Management: Reconciling
Conflicting Uses," April 16-18, 1985, Tucson,
Arizona. 1985. (120). p. 421-425. Includes
references. (NAL Call No.: DNAL aSD11.A42).

1192

**Nevada Wilderness Protection Act of 1987 hearing
before the Subcommittee on Public Lands,
National Parks, and Forests of the Committee on
Energy and Natural Resources, United States
Senate, One hundredth Congress, first session
on S. 1138 to designate certain lands in the
state of Nevada as wilderness, and for other
purposes, August 4, 1987.**
United States.~Congress.~Senate.~Committee on
Energy and Natural Resources.~Subcommittee on
Public Lands, National Parks, and Forests.
Washington, D.C. : U.S. G.P.O. : For sale by
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U.S. G.P.O., 1987. Distributed to some
depository libraries in microfiche. iii, 361 p.
: ill., maps ; 24 cm. (NAL Call No.: DNAL
KF26.E5583 1987j).

1193

**The Park-Caribou plan: an example of
intergrated planning.**
XGTIA. Swanson, J.R. Denniston, A.E. Ogden,
Utah : The Station. USDA Forest Service general
technical report INT - Intermountain Forest and
Range Experiment Station. Paper presented at
the "Symposium and Workshop on Wilderness
Fire," Nov. 15/18, 1983, Missoula, Montana. Apr
1985. (182). p. 215-219. Includes references.
(NAL Call No.: DNAL aSD11.A48).

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1194

Plants for revegetation of riparian sites within the Intermountain Region (Management of range and wildlife habitats, streambank erosion, control).

Monsen, S.B. Ogden : The Station. USDA Forest Service general technical report INT - Intermountain Forest and Range Experiment Station. Nov 1983. Part of a series of 28 papers presented at Training sessions in Turin Falls, Idaho, September 1981, and in Elko, Nevada, June 1982. Nov 1983. (157). p. 83-89. Includes references. (NAL Call No.: aSD11.A48).

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Predicting the effects of land-use changes on wildlife.

NAWTA. Hensch, J.E. Flyger, V.; Gibbs, R.; Van Ness, K. Washington, D.C. : Wildlife Management Institute. Transactions of the ... North American Wildlife and Natural Resources Conference. 1985. (50th). p. 345-351. ill., maps. Includes references. (NAL Call No.: DNAL 412.9 N814).

1196

The public trust doctrine--a tool to make federal administrative agencies increase protection of public land and its resources.

BCERDX. Baer, S.D. Newton Centre, Mass. : Environmental affairs, Inc. Boston College environmental affairs law review. 1988. v. 15 (2). p. 385-436. Includes references. (NAL Call No.: DNAL TD172.E48).

1197

Risky business--the spotted owl controversy has two OSU biologists looking nervously at an unusual strategy: "deliberately reducing" a creature to the near-endangered level.

OAGPA. King, D. Corvallis, Or. : The Station. Oregon's agricultural progress - Oregon Agricultural Experiment Station. Fall 1987. v. 34 (2). p. 18-22. ill. (NAL Call No.: DNAL 100 OR30R).

1198

Sociopolitical environment for fire and wilderness management in national parks.

XGTIA. Dickenson, R.E. Ogden, Utah : The Station. USDA Forest Service general technical report INT - Intermountain Forest and Range Experiment Station. Paper presented at the "Symposium and Workshop on Wilderness Fire," Nov. 15/18, 1983, Missoula, Montana. Apr 1985. (182). p. 4-8. (NAL Call No.: DNAL aSD11.A48).

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Sociopolitical factors that affect hunter-landowner relationships (Environmental legislation).

Hughes, J. Baton Rouge, Louisiana State University, Division of Continuing Education. Annual forestry symposium. 1980. Presented at a symposium on Integrating Timber and Wildlife Management in Southern Forests, 1980. 1980. (29). p. 10-16. 6 ref. (NAL Call No.: 99.9 L935).

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Wetland conservation : hearings before the Subcommittee on Environmental Pollution of the Committee on Environment and Public Works, United States Senate, Ninety-eighth Congress, first session, on S. 978 ... and S. 1329 ... July 12, 1983--Washington, D.C.; August 10, 1983--Aberdeen, S. Dak. -.

United States ~ Congress ~ Senate ~ Committee on Environment and Public Works ~ Subcommittee on Environmental Pollution. Washington, D.C. U.S. G.P.O. 1983. S. hrg. 98-421. v. 461 p. : ill. ; 24 cm. Includes bibliographical references. (NAL Call No.: KF26.E645 1983a).

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What we know and do not know about off-road vehicle impacts on wildlife (Natural resources conservation, management, adverse effects).

Bury, R.B. (Washington, D.C.?) : U.S. Dept. of Agriculture, Office of Environmental Quality, 1980. Off-road vehicle use : a management challenge / edited by Richard N.L. Andrews and Paul F. Nowak. p. 110-122. 33 ref. (NAL Call No.: aTL235.6.033).

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Wilderness campsite impacts: effect of amount of use (Eagle Cap Wilderness, Oregon).

Cole, D.N. Ogden, Utah, The Station. USDA Forest Service research paper INT - United States, Intermountain Forest and Range Experiment Station. Jan 1982. Jan 1982. (284). 34 p. ill., map. Includes 2 p. ref. (NAL Call No.: A99.9 F764U).

FOOD CONTAMINATION AND TOXICOLOGY

1203

Consumer pesticide concerns: a 1965 and 1984 comparison.

Sachs, C. Blair, D.; Richter, C. Columbia, Mo.
: American Council on Consumer Interests.
Abstract: Socio-economic factors and the change in consumer attitudes toward pesticide use over two decades are examined. This investigation was done by repeating a 1965 survey. Findings show that in both 1965 and 1984 people were most concerned with the effects of pesticides on wildlife with increased concern in 1984 for farmers and farm laborers. It also shows that the concerns about both the impact of pesticides on the environment and on personal health are almost equal in strength; these results imply that the public has limited trust in the regulatory process. The Journal of consumer affairs. Summer 1987. v. 21 (1). p. 96-107. charts. Includes 18 references. (NAL Call No.: DNAL HC110.C6J6).

1204

Pesticide residues in wildlife: violating legal standards?.

Payne, G. Eugene, Dr. : The Coalition. Journal of pesticide reform : a publication of the Northwest Coalition for Alternatives to Pesticides. Winter 1988. v. 7 (4). p. 18-19. Includes references. (NAL Call No.: DNAL SB950.2.A1J68).

FOOD CONTAMINATION, POULTRY

1205

Heavy metal concentrations of duck tissues in relation to ingestion of spent shot.
BECTA. Hall, S.L. Fisher, F.M. Jr. New York, N.Y. : Springer-Verlag. Bulletin of environmental contamination and toxicology. Aug 1985. v. 35 (2). p. 163-172. Includes references. (NAL Call No.: DNAL RA1270.P35A1).

FOOD CONTAMINATION, FISH AND AQUATIC

1206

**Analysis for
2,3,7,8-tetrachlorodibenzo-p-dioxin residues in
environmental samples (Fish, deer, Michigan).**
Harless, R.L.EVSRB. Lewis, R.G.; Dupuy, A.E.;
McDaniel, D.D. New York : Plenum Press.
Environmental science research. 1983. v. 26. p.
161-171. Includes references. (NAL Call No.:
TD172.E55).

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**Pathology of larval Eustrongylides in the
rabbit.**
JOPAA. Shirazian, D. Schiller, E.L.; Glaser,
C.A.; Vonderfecht, S.L. Lawrence : American
Society of Parasitologists. The Journal of
parasitology. Oct 1984. v. 70 (5). p. 803-806.
ill. Includes references. (NAL Call No.: DNAL
448.8 J824).

FEED CONTAMINATION TOXICOLOGY

1208

Feeding Great Lakes fish to mink: effects on mink and accumulation and elimination of PCBs (polychlorinated biphenyls) by mink.
Hornshaw, T.C. JTEHD. Aulerich, R.J.; Johnson, H.E. Washington, D.C. : Hemisphere Publishing. Journal of toxicology and environmental health. Apr/June 1983. v. 11 (4/6). p. 933-946. Includes references. (NAL Call No.: RA565.A1J6).

1209

Isolation and identification of trichothecenes from *Fusarium compactum* suspected in the aetiology of a major intoxication of sandhill cranes.
JAFCAU. Cole, R.U. Dorner, J.W.; Gilbert, J.; Mortimer, D.N.; Crews, C.; Mitchell, J.C.; Windingstad, R.M.; Nelson, P.E.; Cutler, H.G. Washington, D.C. : American Chemical Society. Journal of agricultural and food chemistry. Nov/Dec 1988. v. 36 (6). p. 1163-1167. Includes references. (NAL Call No.: DNAL 381 J8223).

FEED COMPOSITION

1210

Effects of plant shredding on nutrient content of four south Texas deer browse species (Bluewood, *Condalia hookeri*, granjeno, *Celtis pallida*, lime pricklyash, *Zanthoxylum fagara*, lotebush, *Ziziphus obtusifolia*).

Everitt, J.H. JRMGA. Denver : Society for Range Management. Journal of range management. Nov 1983. v. 36 (6). p. 779-781. Includes references. (NAL Call No.: 60.18 J82).

HUMAN NUTRITION

1211

Consumer pesticide concerns: a 1965 and 1984 comparison.

Sachs, C. Blair, D.; Richter, C. Columbia, Mo. : American Council on Consumer Interests.

Abstract: Socio-economic factors and the change in consumer attitudes toward pesticide use over two decades are examined. This investigation was done by repeating a 1965 survey. Findings show that in both 1965 and 1984 people were most concerned with the effects of pesticides on wildlife with increased concern in 1984 for farmers and farm laborers. It also shows that the concerns about both the impact of pesticides on the environment and on personal health are almost equal in strength; these results imply that the public has limited trust in the regulatory process. The Journal of consumer affairs. Summer 1987. v. 21 (1). p. 96-107. charts. Includes 18 references. (NAL Call No.: DNAL HC110.C6J6).

HOME ECONOMICS

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America the poisoned : how deadly chemicals are destroying our environment, our wildlife, ourselves and--how we can survive! / Lewis Regenstein. -

Regenstein, Lewis. Washington, D.C. Acropolis Books c1982. Abstract: The pervasive presence in our society of toxic chemicals that may be killing and disabling millions of Americans is described for policy planners, food scientists, and other health professionals, and the general public. This pollution is called the major environmental and health crisis of current times. Chemical categories specifically covered are: herbicides; pesticides; toxic wastes (amounting to over 600 pounds/capita/year); water and air pollution; chemical exports; tris; PCB's; lindane, as an indoor pesticide; DBCP; endrin; toxaphene; DDT; aldrin and dieldrin; and chlordane and heptachlor. The specific uses of these materials, their fate in the environment, documented adverse health effects, and specific incidences which have aroused concern, are described and discussed. (wz). 414 p. : ill. ; 24 cm. Includes bibliographical references and index. (NAL Call No.: RA565.R39 F&N B-3477).

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Agricultural wastewaters and wildlife: an overview.

Willard, D.E. Denver, Colo. : U.S. Committee on Irrigation and Drainage, c1986. Toxic substances in agricultural water supply and drainage : defining the problems : proceedings from the 1986 regional meetings sponsored by the U.S. Comm on Irrig and Drainage / edited by J.B. Summers and S.S. Anderson. p. 103-109. (NAL Call No.: DNAL S494.5.W3T68).

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Analysis for

2,3,7,8-tetrachlorodibenzo-p-dioxin residues in environmental samples (Fish, deer, Michigan). Harless, R.L.EVSRB. Lewis, R.G.; Dupuy, A.E.; McDaniel, D.D. New York : Plenum Press. Environmental science research. 1983. v. 26. p. 161-171. Includes references. (NAL Call No.: TD172.E55).

1215

Assessment of primary vs. secondary toxicity of Aroclor 1254 to mink.

AECTCV. Aulerich, R.J. Ringer, R.K.; Safronoff, J. New York, N.Y. : Springer-Verlag. Archives of environmental contamination and toxicology. July 1986. v. 15 (4). p. 393-399. Includes references. (NAL Call No.: DNAL TD172.A7).

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Biological effects of PCBs and PBBs on mink and ferrets--a review.

Ringer, R.K. Aulerich, R.J.; Bleavins, M.R. New York : Pergamon Press, c1981. Toxicology of halogenated hydrocarbons : health and ecological effects / edited by M.A.Q. Khan, R.H. Stanton. p. 329-343. Includes references. (NAL Call No.: RA1242.H35T69).

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Breaking strength: an alternative indicator of toxic effects on avian eggshell quality.

ETOC DK. Carlisle, J.C. Lamb, D.W.; Toll, P.A. Elmsford : Pergamon Press. Environmental toxicology and chemistry. Literature review. 1986. v. 5 (10). p. 887-889. Includes 13 references. (NAL Call No.: DNAL QH545.A1E58).

1218

Chronic toxicity studies of crude organic chemical pollutants, illustrated by studies with Aroclor 1254 (Chemical pollutants, human and wildlife populations).

Bush, B.AECTCV. Lo, F.C.; Baker, F.D.; Tumasonis, C.F.; Theriault, G. New York : Springer-Verlag. Archives of environmental

contamination and toxicology. Mar 1983. v. 12 (2). p. 221-226. Includes references. (NAL Call No.: TD172.A7).

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Combined extraction-cleanup column chromatographic procedure for determination of dicofol in avian eggs.

JANCA2. Krynitsky, A.J. Stafford, C.J.; Wiemeyer, S.N. Arlington, Va. : The Association. Journal of the Association of Official Analytical Chemists. May/June 1988. v. 71 (3). p. 539-542. Includes references. (NAL Call No.: DNAL 381 AS7).

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Concentrations of contaminants in muscle of the American alligator in Florida.

JWIDA. Delany, M.F. Bell, J.U.; Sundlof, S.F. Ames, Iowa : Wildlife Disease Association. Journal of wildlife diseases. Jan 1988. v. 24 (1). p. 62-66. maps. Includes references. (NAL Call No.: DNAL 41.9 W64B).

1221

Damage assessment studies following the NEPCO 140 oil spill on the St. Lawrence River / by Daniel J. Palm ... (et al.). -

Palm, Daniel J. Cincinnati, Ohio Industrial Environmental Research Laboratory, Off. of Research and Development 1979. Grant No. RB05031-01-0. x. 164 p. : ill. ; 28 cm. --. Bibliography: p. 155-159. (NAL Call No.: TD195.E415 No.79-256).

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DDE in birds: lethal residues and loss rates (Pesticides, pollution, wildlife).

Stickel, W.H.AECTCV. Stickel, L.F.; Dyrland, R.A.; Hughes, D.L. New York : Springer-Verlag. Archives of environmental contamination and toxicology. Jan 1984. v. 13 (1). p. 1-6. ill. Includes references. (NAL Call No.: TD172.A7).

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DDT has declined more than PCBs in Eastern Canadian seals during the 1970s.

ESTHA. Addison, R.F. Brodle, P.F.; Zinck, M.E.; Sergeant, D.E. Washington, D.C. : American Chemical Society. Environmental science & technology. Dec 1984. v. 18 (12). p. 935-937. Includes 22 references. (NAL Call No.: DNAL TD420.A1E5).

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Determination of the DDE and PCB contents of peregrine falcon eggs: a comparison of whole egg measurements and estimates derived from eggshell membranes.
Peakall, D.B.AECTCV. Lew, T.S.; Springer, A.M.; Walker, W. II; Risebrough, R.W. New York : Springer-Verlag. Archives of environmental contamination and toxicology. Sept 1983. v. 12 (5). p. 523-528. Includes references. (NAL Call No.: TD172.A7).

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Effects of acidic deposition and other energy emissions on wildlife: a compendium.
VHTDD. Newman, J.R. Schreiber, R.K. Manhattan, Kan. : American Academy of Veterinary and Comparative Toxicology. Veterinary and human toxicology. Literature review. Oct 1985. v. 27 (5). p. 394-401. Includes 42 references. (NAL Call No.: DNAL SF601.A47).

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Effects of air emissions on wildlife resources / by James R. Newman. -.
Newman, James R. Washington, D.C. Fish and Wildlife Service ; for sale by U.S. G.P.O. 1980. "Biological Services Program. ~"Performed for National Power Plant Team, Office of Biological Services, Fish and Wildlife Service, U.S. Department of the Interior". vii, 32 p. ; 28 cm. --. Bibliography: p. 26-32. (NAL Call No.: QH540.U56 no. 80/40.1).

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The effects of air pollution and acid rain on fish, wildlife, and their habitats : arctic tundra and alpine meadows / by James E. Olson. -.
Olson, James E. Washington, D.C. The Service For sale by the Supt. of Docs., U.S. G.P.D. 1982. "June 1982. ~"Contract no. 14-16-0009-80-085.". v, 27 p. : ill., map ; 28 cm. --. Bibliography: p. 22-26. (NAL Call No.: QH540.U56 no.80/40.8).

1228

The effects of air pollution and acid rain on fish, wildlife, and their habitats : critical habitats of threatened and endangered species / by M. A. Peterson. -.
Peterson, M. A. Washington, D.C. The Service For sale by the Supt. of Docs., U.S. G.P.D. 1982. "June 1982. ~"Contract no. 14-16-0009-80-085.". vi, 51 p. : map ; 28 cm. --. Bibliography: p. 39-43. (NAL Call No.: QH540.U56 no.80/40.11).

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The effects of air pollution and acid rain on fish, wildlife, and their habitats : deserts and steppes / by Edward N. Mirsky, Dan Harper. -.
Mirsky, Edward N. Harper, Dan. Washington, D.C. The Service For sale by the Supt. of Docs., U.S. G.P.O. 1982. "June 1982. ~"Contract no. 14-16-0009-80-085.". v, 36 p. : ill., maps ; 28 cm. --. Bibliography: p. 32-35. (NAL Call No.: QH540.U56 no.80/40.9).

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The effects of air pollution and acid rain on fish, wildlife, and their habitats : forests / by Louis Borghi. -.
Borghi, Louis. Washington, D.C. The Service For sale by the Supt. of Docs., U.S. G.P.O. 1982. "June 1982. ~"Contract no. 14-16-0009-80-085.". vi, 84 p. : map ; 28 cm. --. Bibliography: p. 62-79. (NAL Call No.: QH540.U56 no.80/40.6).

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The effects of air pollution and acid rain on fish, wildlife, and their habitats : introduction / by M.A. Peterson. -.
Peterson, M. A. Washington, D.C. The Service For sale by the Supt. of Docs., U.S. G.P.O. 1982. "June 1982. ~"Contract no. 14-16-0009-80-085.". xi, 181 p. : ill. ; 28 cm. --. Bibliography: p. 132-175. (NAL Call No.: QH540.U56 no.80/40.3).

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The effects of air pollution and acid rain on fish, wildlife, and their habitats : lakes / by Wayne Potter. -.
Potter, Wayne. Washington, D.C. The Service For sale by the Supt. of Docs., U.S. G.P.D. 1982. One folded map in pocket ~"June 1982. ~"Contract no. 14-16-0009-80-085.". v, 119 p. : map ; 28 cm. --. Bibliography: p. 45-58. (NAL Call No.: QH540.U56 no.80/40.4).

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The effects of air pollution and acid rain on fish, wildlife, and their habitats : rivers and streams / by Wayne Potter, Ben K-Y Chang. -.
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(POLLUTION)

1234

The effects of air pollution and acid rain on fish, wildlife, and their habitats : urban ecosystems / by M. A. Peterson. - Peterson, M. A. Washington, D.C. The Service For sale by the Supt. of Docs., U.S. G.P.O. 1982. "June 1982. ~Contract no. 14-16-0009-80-085.". viii, 87 p. : ill. ; 28 cm. --. Bibliography: p. 70-86. (NAL Call No.: QH540.U56 no.80/40.10).

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The effects of air pollution and acid rain on fish, wildlife, and their habitats arctic tundra and alpine meadows. Olson, J.E. Adler, D.; Schreiber, R.K. Washington : The Service. FWS/OBS - United States, Fish and Wildlife Service, Office of Biological Services. June 1982. June 1982. (8). 27 p. maps. 5 p. ref. (NAL Call No.: QH540.U56).

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Effects of DDE, TDE, and PCBs (polychlorinated biphenyls) on shell thickness of western grebe eggs, Bear River Migratory Bird Refuge, Utah--1973-74. Lindvall, M.L. Low, J.B. Washington, D.C., U.S. Environmental Protection Agency. Pesticides monitoring journal. Dec 1980. v. 14 (3). p. 108-111. 20 ref. (NAL Call No.: SB951.A1P41).

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Effects of fluoride emissions from a modern primary aluminum smelter on a local population of white-tailed deer (*Odocoileus virginianus*). JWIDA. Suttie, J.S. Dickie, R.; Clay, A.B.; Nielsen, P.; Mahan, W.E.; Baumann, D.P.; Hamilton, R.J. Ames, Iowa : Wildlife Disease Association. Journal of wildlife diseases. Jan 1987. v. 23 (1). p. 135-143. ill. Includes references. (NAL Call No.: DNAL 41.9 W64B).

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